TRAVANCORE ALMANAC FOR 1884.

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25	Sivarathree Vratum	"	15
26	Kaliyugathy	"	16

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30	Meena Bharanee	"	19
31	Trevandrum Codyettoo	"	20

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An Ephemeris for the year 1884.

ADAPTED TO THE MERIDIAN OF TREVANDRUM.

Trevandrum Observatory.

Longitude..................................	5*h.* 7*m.* 59*s.*= 76° 59′ 45″ East.
Latitude	8° 30′ 32″ North.
Deviation of the Compass	... 0° 42′ 19″ East.
Dip ... ... approximately	... 2° 30′ South.
Height above the sea	...197 feet.
Mean temperature of the air in the shade ...	...77° 81 Fah.
Mean temperature of evaporation in the shade	...73° 42 Fah.
Mean atmospheric pressure	...29·681 inches.
Mean vapour pressure...	... 0·778 inches.
Mean relative humidity ... (Saturation=1)	... 0·812
Mean direction of the wind	... W. N. W.
Mean yearly fall of rain	...64·71 inches.*
Mean yearly evaporation	...88·54 inches.

Note—

* This result is obtained from 43 years' observations (1838—80). The mean yearly fall of rain from 27 years' observations (1838—64) was 68·36 inches, shewing a decrease of 3·65 inches, in the whole period of 43 years. The 16 years' observations from 1865—80, give however only an average yearly fall of 61·52 inches, exhibiting a still clearer decrease in the quantity of rain. The average number of rainy days has remained yet pretty equal; 137·8 for the 27 years from 1838, 137·5 for the 16 years from 1865 and 138·0 for the whole period of 43 years (1838—80). But as the observations extend only over a short period, and are confined to but one place, it would be premature to predict any continual decrease.

Chronological Notes for 1884.

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EXPLANATORY NOTES.

The Golden Number is that which any given year holds in the Lunar Cycle, which is a period of 19 years, at the lapse of which the phases of the Moon take place on the same days of the months respectively as at the commencement of the Cycle.

The Epact is the number of days of the Lunar Cycle, over and above all the complete courses of the Moon for any number of years, hence the number indicates the age of the moon at the beginning of the year.

The Solar Cycle is a period of 28 years, which owing to leap year, must necessarily elapse before the days of the month can return respectively to the same days of the week as at the commencement of the Cycle. The first year of the Christian Era was the tenth year of this Cycle.

The Dominical letter is that letter of the Alphabet which points out in the calendar the Sundays throughout the year, thence also called Sunday letter. The seven days of the week, reckoned as beginning on the 1st of January, are designated by the first seven letters of the Alphabet. Thus if the year begins on Sunday A is the Dominical letter and so on generally. If there were 364 days, or exactly 52 weeks in the year, the Dominical letter will always be same; but the year contains 365¼ days; an excess of 1¼ day over the 52 weeks. The day is taken into the account every year, and the ¼ makes a day in every four years; so that the Dominical letter falls backward one letter for each of the three years, in which, the date or number of the year cannot be divided, without remainder, by 4, and two letters every fourth year, when the date can be so divided, as in the year 1880, it is divisible by 4 and therefore, February contained 29 days. The year began on Thursday, count forward Thursday to Sunday, inclusive, is 4 days, and the fourth letter from A inclusive is D. Therefore, at first D is the Dominical letter; but the 29th of February which is added, throws the first day of March a day later in the week than it would otherwise have been; therefore the Sunday letter for March and all the remaining months is C. Hence the years which have the 29 days in February and the two Dominical letters are called *bissextiles*.

Roman Indiction is a period of 15 years, instituted in A. D. 312, by which the Popes have dated their acts by the year of the indiction which was fixed on the first of January.

The Julian period embraces 7980 years and is used, as a fixed era for dating astronomical calculations. The first year of the Christian era is 4713 of Julian period.

Time is distinguished into three kinds: *Apparent* or *True* time, *Mean* time and *Siderial* time; each of which is expressed in days, hours, minutes and seconds. An *Apparent* or *True* day is the interval of time comprehended between two consecutive passages of the Sun over the meridian; a *Mean* day is the time comprehended between two consecutive passages of an imaginary Sun called the mean Sun, and is equal to the mean or average of all the apparent solar days in the year; lastly, the time comprehended between two following passages of the same star over the same meridian is a *Siderial* day.

A day is either astronomical or civil; the astronomical day commences at *apparent* noon or at *mean* noon, according as *apparent* or *mean* time is employed; it is divided into 24 hours, reckoned without interruption from 1 to 24, or from noon to noon. The civil day commences at the midnight preceding the commencement of the astrono-

mical day, and likewise consists of 24 hours; but these are separated into two periods of 12 hours each, those situated between midnight and noon being called morning hours (written A. M.), and those between noon and midnight afternoon hours (written P. M.). The sidereal day commences at the instant of the passage over the meridian of the Vernal Equinox, or first point of Aries. It is divided into 24 siderial hours counted from 0 to 24.

In this Almanac is used the *mean astronomical* time for the rising, setting &c, of the moon and planets, and the *civil* time for the rest. To each month of the Almanac there are devoted two pages. In the first page of each month, the first column contains the day of the week, the second the day of the month and the third the corresponding Malabar date.

The sun's rising and setting given in the 4th and 5th columns, though affording a less accurate means of regulating clocks and watches, than direct observations of the sun's altitude, may yet be useful for common purposes. The times are given to the nearest minute, of the sun's centre being in the horizon, and they include the equation of time and the effect of refraction.

The moon's age (Thithi) at Mean Noon, given in the 6th column is the *mean* time elapsed since the moon's conjunction with the sun, or since the sun and moon had the same longitude. The numbers in this column represent her age at Trevandrum and are expressed in days, and decimal parts of a day.

The columns 7, 8 and 9 contain the moon's rising, meridian passage and setting.

The mean time of the moon's rising and setting is given to the nearest minute; this will be found useful to persons travelling and in many other ways.

The moon's meridian passage indicates the time, at which the moon's centre is on the *upper* meridian of Trevandrum, and is useful in finding the time of high water. When a line is drawn across the column of "Meridian Passage," we are to understand that the moon does not pass the *upper* meridian on that day at Trevandrum. This is the case one day in each Lunation, and arises from the circumstances of the Lunar day being greater than the Mean solar day, and including it within its limits. For the same reason there are some days on which the moon *does not rise*, and others on which it *does not set.*

In the second page of each month, are given first the phases of the moon, and second the rising, meridian passage, setting and declination of the 6 principal planets. The phases of the moon.—The numbers denote the mean time, at which the difference of Longitude between the sun and the moon is 0°, 90°, 180° or 270°, being

0° at the New Moon
90° at the First Quarter
180° at the Full Moon
270° at the Last Quarter.

The moon's Apogee and Perigee.—The numbers here given indicate, to the nearest hour, at which the moon is respectively at her greatest and least distance from the earth.

The Planets' rising, setting and meridian passage.—As in the instance of the moon before mentioned, the times noted, indicate the positions of these planets given for every tenth day, and for any time intermediate, they may be found by interpolation.

The Declination indicates their relative position with reference to the Equator, north or south.

English and Malabar months.

ENGLISH.		MALABAR.
January	1	18th Margaly.
„	13	1st Tye or Magaram.
February	11	1st Mausy or Coombhum.
March	12	1st Punguny or Menum.
April	12	1st Chittray or Madum.
May	12	1st Vaikausy or Eddavum.
June	13	1st Auny or Methunum.
July	15	1st Audy or Carcadagum.
August	15	1st Auvany or Chingum.
September	15	1st Purattasy or Cunny.
October	15	1st Arpasy or Toolam.
November	14	1st Kartigay or Vrechecum.
December	14	1st Margaly or Dhanoo.
„	31	18th Margaly.

English and Corresponding Malabar years.

ENGLISH.	MALABAR.	ENGLISH.	MALABAR.	ENGLISH.	MALABAR.	ENGLISH.	MALABAR.
1801...	976-7	1826...	1001-2	1851...	1026-7	1876...	1051-2
1802...	977-8	1827...	1002-3	1852...	1027-8	1877...	1052-3
1803...	978-9	1828...	1003-4	1853...	1028-9	1878...	1053-4
1804...	979-0	1829...	1004-5	1854...	1029-0	1879...	1054-5
1805...	980-1	1830...	1005-6	1855...	1030-1	1880...	1055-6
1806...	981-2	1831...	1006-7	1856...	1031-2	1881...	1056-7
1807...	982-3	1832...	1007-8	1857...	1032-3	1882...	1057-8
1808...	983-4	1833...	1008-9	1858...	1033-4	1883...	1058-9
1809...	984-5	1834...	1009-0	1859...	1034-5	1884...	1059-0
1810...	985-6	1835...	1010-1	1860...	1035-6	1885...	1060-1
1811...	986-7	1836...	1011-2	1861...	1036-7	1886...	1061-2
1812...	987-8	1837...	1012-3	1862...	1037-8	1887...	1062-3
1813...	988-9	1838...	1013-4	1863...	1038-9	1888...	1063-4
1814...	989-0	1839...	1014-5	1864...	1039-0	1889...	1064-5
1815...	990-1	1840...	1015-6	1865...	1040-1	1890...	1065-6
1816...	991-2	1841...	1016-7	1866...	1041-2	1891...	1066-7
1817...	992-3	1842...	1017-8	1867...	1042-3	1892...	1067-8
1818...	993-4	1843...	1018-9	1868...	1043-4	1893...	1068-9
1819...	994-5	1844...	1019-0	1869...	1044-5	1894...	1069-0
1820...	995-6	1845...	1020-1	1870...	1045-6	1895...	1070-1
1821...	996-7	1846...	1021-2	1871...	1046-7	1896...	1071-2
1822...	997-8	1847...	1022-3	1872...	1047-8	1897...	1072-3
1823...	998-9	1848...	1023-4	1873...	1048-9	1898...	1073-4
1824...	999-0	1849...	1024-5	1874...	1049-0	1899...	1074-5
1825...	1000-1	1850...	1025-6	1875...	1050-1	1900...	1075-6

Eclipses

OF THE SUN AND MOON FOR THE YEAR,

1884.

In the year 1884 there will be three Eclipses of the Sun, and two of the Moon.

I. A Partial Eclipse of the Sun, March 26, 1884, invisible at Trevandrum.

II. A Total Eclipse of the Moon, April 10, 1884, partly visible at Trevandrum.

		d.	*h.*	*m.*	
First contact with the Penumbra	April	10	1	50·6	P. M.
First contact with the Shadow	„		3	0·5	„
Beginning of Total Phase	„		4	8·3	„
Middle of the Eclipse	„		4	54·6	„
End of Total Phase	„		5	40·9	„
Last contact with the Shadow	„		6	48·7	„
Last contact with the Penumbra	„		7	58·6	„

Entire duration 6*h.* 8*m.*

Duration from the first to the last contact with the dark Shadow 3*h* 48·2*m.*

Magnitude of the Eclipse (Moon's diameter=1) 1·431.

The first contact with the shadow occurs at 94° from the Northernmost point of the Moon's limb towards the east.

The last contact at 61° towards the West; in each case, for direct image.

At Trevandrum, the Moon rises at 6*h* 10*m* P. M. 30 minutes after the end of Total Phase.

III. A Partial Eclipse of the Sun, April 25, 1884 invisible at Trevandrum.

IV. A Total Eclipse of the Moon, October 5, 1884, visible at Trevandrum.

		d.	*h.*	*m.*	
First contact with the Penumbra	October	5	0	24·8	A. M.
First contact with the Shadow	„		1	23·2	„
Beginning of Total Phase	„		2	23·8	„
Middle of the Eclipse	„		3	10·0	„
End of Total Phase	„		3	56·2	„
Last contact with the Shadow	„		4	56·8	„
Last contact with the Penumbra	„		5	55·2	„

Entire duration 5*h* 31*m.*

Duration from the first to the last contact with the dark Shadow 3*h* 33·6*m.*

Magnitude of the Eclipse (Moon's Diameter=1) 1·525.

The first contact with the shadow occurs at 83° from the Northernmost point of the Moon's limb towards the east.

The last contact, 118° towards the west; in each case, for direct image.

V. A Partial Eclipse of the Sun, October 18, 1884, invisible at Trevandrum.

JANUARY

1884
1059

Day of Week.	Day of Month.	Malabar Date.		SUN'S Mean Time Trevandrum. Rising.		SUN'S Setting.		MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.		Meridian Passage.		Setting.	
				h	m	h	m	d	h	m	h	m	h	m
Tues.	1	Dhanoo or Margaly.	18	6	16	5	52	2·8	20	16	2	18	8	22
Wed.	2		19	6	17	5	52	3·8	21	2	3	7	9	13
Thur.	3		20	6	17	5	53	4·8	21	48	3	56	10	5
Fri.	4		21	6	17	5	53	5·8	22	35	4	45	10	57
Sat.	5		22	6	17	5	54	6·8	23	22	5	35	11	50
SUN.	6		23	6	18	5	54	7·8	—	—	6	27	12	45
Mon.	7		24	6	18	5	55	8·8	0	10	7	21	13	43
Tues.	8		25	6	19	5	55	9·8	1	1	8	18	14	42
Wed.	9		26	6	19	5	56	10·8	1	55	9	17	15	42
Thur.	10		27	6	19	5	56	11·8	2	52	10	16	16	42
Fri.	11		28	6	19	5	57	12·8	3	51	11	16	17	40
Sat.	12		29	6	20	5	57	13·8	4	51	12	13	18	35
SUN.	13	Magaram or Tye.	1	6	20	5	58	14·8	5	50	13	8	19	27
Mon.	14		2	6	20	5	58	15·8	6	47	13	59	20	15
Tues.	15		3	6	21	5	59	16·8	7	42	14	48	21	0
Wed.	16		4	6	21	5	59	17·8	8	33	15	34	21	43
Thur.	17		5	6	21	6	0	18·8	9	23	16	18	22	25
Fri.	18		6	6	21	6	0	19·8	10	10	17	2	23	7
Sat.	19		7	6	21	6	1	20·8	10	57	17	46	23	48
SUN.	20		8	6	21	6	1	21·8	11	43	18	30	—	—
Mon.	21		9	6	22	6	2	22·8	12	29	19	16	0	31
Tues.	22		10	6	22	6	2	23·8	13	16	20	2	1	15
Wed.	23		11	6	22	6	2	24·8	14	4	20	51	2	1
Thur.	24		12	6	22	6	3	25·8	14	52	21	40	2	49
Fri.	25		13	6	22	6	3	26·8	15	42	22	31	3	39
Sat.	26		14	6	22	6	4	27·8	16	31	23	21	4	30
SUN.	27		15	6	22	6	4	28·8	17	21	—	—	5	23
Mon.	28		16	6	22	6	4	0·1	18	10	0	12	6	15
Tues.	29		17	6	22	6	5	1·1	18	58	1	2	7	8
Wed.	30		18	6	22	6	5	2·1	19	46	1	52	8	1
Thur.	31		19	6	22	6	5	3·1	20	33	2	42	8	53

JANUARY

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.
☽ *First Quarter.*	6	2	43·1 A.M.		● *New Moon* ...	28	10	9·2 A.M.
☺ *Full Moon* ...	12	8	35·1 P.M.		☾ *Perigee*.........	9	10	P.M.
☾ *Last Quarter.*	20	10	31·3 A.M.		☾ *Apogee*.........	21	4	„

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	19 39	1 25	7 11	S 21 47	20 3	1 50	7 37	S 20 29	8 45	14 56	21 7	N 17 54
11	19 27	1 16	7 6	17 50	20 13	2 2	7 51	17 4	7 57	14 9	20 21	18 52
21	18 8	23 57	5 46	16 59	20 19	2 11	8 3	12 51	7 4	13 17	19 30	20 6
31	16 58	22 46	4 34	S 18 53	20 23	2 18	8 13	S 8 4	6 9	12 22	18 35	N 21 26

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	7 20	13 33	19 46	N 20 13	3 15	9 27	15 39	N 19 6	11 9	17 10	23 11	N 1 26
11	6 36	12 49	19 2	20 31	2 34	8 46	14 58	19 2	10 28	16 29	22 30	1 27
21	5 51	12 4	18 17	20 50	1 53	8 5	14 17	19 1	9 49	15 50	21 51	1 30
31	5 6	11 19	17 32	N 21 8	1 13	7 25	13 37	N 19 2	9 9	15 10	21 11	N 1 36

The mean fall of rain from 43 years' observations (1838—80) in January at Trevandrum Observatory is seven-tenths of an inch (0·70in.)

In the eleven years 1840, 54, 56, 60, 64, 65, 67, 72, 75, 76 and 79 no rain fell in January.

There are equal chances that the fall of rain in January will be under or above three-tenths of an inch (0·3in.)

There are four chances to one that the fall will not be more than one inch and two-tenths (1·2in.)

There are also four chances to one that there will be rain in January.

The greatest falls in January were in 1853, 4·3in., in 1871, 2·9in., in 1845, 2·7in., in 1842, 2·7in., and in 1868, 2·3in.

The least fall was in January 1850, 0·004in.

The average number of days in which rain fell in January was two and two-tenths (2·2d.)

The average daily fall of rain on the days during which it rained in January was (0·31in.)

The mean difference for January is 0·55.

* The differences of the monthly falls from the mean of the whole forty-three months being taken, and the sum of the differences being divided by 43, the mean difference is obtained: this mean difference is a measure of the variability of the amount of fall for the month in different years.

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FEBRUARY

Day of Week.	Day of Month.	Malabar month	Malabar date.	SUN'S Mean Time Trevandrum. Rising. h m		SUN'S Mean Time Trevandrum. Setting. h m		MOON'S Age. Mean Noon. d	MOON'S Mean Time Trevandrum. Rising. h m		MOON'S Mean Time Trevandrum. Meridian Passage. h m		MOON'S Mean Time Trevandrum. Setting. h m	
Fri.	1	Magaram or Tye.	20	6	22	6	6	4·1	21	21	3	33	9	47
Sat.	2		21	6	22	6	6	5·1	22	9	4	24	10	42
SUN.	3		22	6	22	6	6	6·1	22	59	5	18	11	38
Mon.	4		23	6	22	6	7	7·1	23	51	6	12	12	35
Tues.	5		24	6	22	6	7	8·1	—	—	7	9	13	33
Wed.	6		25	6	22	6	7	9·1	0	45	8	6	14	31
Thur.	7		26	6	21	6	7	10·1	1	42	9	4	15	28
Fri.	8		27	6	21	6	8	11·1	2	39	10	1	16	24
Sat.	9		28	6	21	6	8	12·1	3	37	10	56	17	16
SUN.	10		29	6	21	6	8	13·1	4	34	11	48	18	5
Mon.	11	Coombhum or Mausy.	1	6	21	6	8	14·1	5	29	12	37	18	52
Tues.	12		2	6	21	6	8	15·1	6	22	13	25	19	36
Wed.	13		3	6	20	6	9	16·1	7	12	14	11	20	19
Thur.	14		4	6	20	6	9	17·1	8	1	14	55	21	1
Fri.	15		5	6	20	6	9	18·1	8	49	15	40	21	43
Sat.	16		6	6	20	6	9	19·1	9	35	16	24	22	26
SUN.	17		7	6	19	6	9	20·1	10	22	17	9	23	9
Mon.	18		8	6	19	6	9	21·1	11	8	17	55	23	54
Tues.	19		9	6	19	6	10	22·1	11	56	18	42	—	—
Wed.	20		10	6	18	6	10	23·1	12	44	19	31	0	41
Thur.	21		11	6	18	6	10	24·1	13	32	20	20	1	29
Fri.	22		12	6	18	6	10	25·1	14	21	21	10	2	19
Sat.	23		13	6	17	6	10	26·1	15	11	22	1	3	11
SUN.	24		14	6	17	6	10	27·1	16	0	22	52	4	3
Mon.	25		15	6	17	6	10	28·1	16	48	23	43	4	56
Tues.	26		16	6	16	6	10	29·1	17	37	—	—	5	50
Wed.	27		17	6	16	6	10	0·5	18	26	0	34	6	44
Thur.	28		18	6	15	6	10	1·5	19	14	1	26	7	39
Fri.	29		19	6	15	6	10	2·5	20	4	2	19	8	35
... ...	...		...	...	...	...	...	...	...	...	...	...	...	...
... ...	...		...	...	...	...	...	...	...	...	...	...	...	...

FEBRUARY

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.	
☽ *First Quarter.*	4	11	5·2	A.M.	● *New Moon.*	26	11	43·0	P.M.
🌕 *Full Moon....*	11	9	55·9	,,	☾ *Perigee......*	5	2		A.M.
☾ *Last Quarter.*	19	8	20·7	,,	☾ *Apogee......*	18	1		P.M.

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. Passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	16 54	22 42	4 30	S 19 4	20 23	2 18	8 13	S 7 34	6 4	12 17	18 30	N 21 31
11	16 41	22 28	4 15	20 6	20 26	2 24	8 22	S 2 26	5 8	11 22	17 36	22 31
21	16 49	22 37	4 25	19 16	20 26	2 28	8 30	N 2 48	4 14	10 29	16 44	23 7
29	17 2	22 51	4 40	S 17 4	20 27	2 31	8 35	N 6 56	3 36	9 51	16 6	N 23 18

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	5 1	11 14	17 27	N 21 9	1 9	7 21	13 33	N 19 2	9 5	15 6	21 7	N 1 36
11	4 17	10 30	16 43	21 24	0 30	6 42	12 54	19 5	8 24	14 26	20 26	1 44
21	3 34	9 47	16 0	21 36	23 52	6 4	12 16	19 11	7 43	13 44	19 45	1 52
29	2 59	9 13	15 27	N 21 43	23 21	5 33	11 45	N 19 16	7 11	13 12	19 13	N 2 2

The mean fall of rain is 0·55in.

No rain fell in 18 of the 43 months (1838—80.)

There are equal chances that the fall will be more or less than 0·07in.

There are four chances to one that the fall will not be more than 0·9in.

There are also four chances to one that there will be rain in February.

The greatest falls in February were in 1847, 4·41in., and in 1855, 3·02in.

The least fall was 0·035in.

The average number of days in which rain fell in February was 1·6d.

The average daily fall of rain on the days during which it rained in February is 0·34in.

The mean difference for February is 0·41in.

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MARCH

Day of Week.	Day of Month.	Malabar date.		SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting.
				h m	h m	d	h m	h m	h m
Sat.	1		20	6 15	6 10	3·5	20 55	3 13	9 32
SUN.	2	Coombhum or Mausy.	21	6 15	6 10	4·5	21 47	4 8	10 30
Mon.	3		22	6 14	6 10	5·5	22 42	5 5	11 28
Tues.	4		23	6 14	6 10	6·5	23 38	6 2	12 27
Wed.	5		24	6 13	6 16	7·5	— —	6 59	13 23
Thur.	6		25	6 13	6 10	8·5	0 34	7 55	14 18
Fri.	7		26	6 12	6 10	9·5	1 31	8 49	15 10
Sat.	8		27	6 12	6 10	10·5	2 27	9 41	15 59
SUN.	9		28	6 11	6 10	11·5	3 21	10 31	16 46
Mon.	10		29	6 11	6 10	12·5	4 14	11 18	17 30
Tues.	11		30	6 10	6 10	13·5	5 4	12 4	18 14
Wed.	12	—	1	6 10	6 10	14·5	5 53	12 49	18 56
Thur.	13		2	6 9	6 10	15·5	6 41	13 34	19 38
Fri.	14		3	6 9	6 10	16·5	7 28	14 18	20 21
Sat.	15		4	6 8	6 10	17·5	8 15	15 3	21 4
SUN.	16		5	6 8	6 10	18·5	9 2	15 49	21 48
Mon.	17	Menum or Panguny.	6	6 7	6 10	19·5	9 49	16 35	22 34
Tues.	18		7	6 7	6 10	20·5	10 37	17 23	23 21
Wed.	19		8	6 6	6 10	21·5	11 24	18 11	— —
Thur.	20		9	6 6	6 10	22·5	12 13	19 0	0 10
Fri.	21		10	6 5	6 10	23·5	13 1	19 49	1 0
Sat.	22		11	6 4	6 10	24·5	13 49	20 39	1 51
SUN.	23		12	6 4	6 10	25·5	14 37	21 30	2 42
Mon.	24		13	6 3	6 10	26·5	15 25	22 21	3 35
Tues.	25		14	6 3	6 9	27·5	16 13	23 12	4 29
Wed.	26		15	6 3	6 9	28·5	17 2	— —	5 24
Thur.	27		16	6 2	6 9	0·1	17 52	0 6	6 21
Fri.	28		17	6 1	6 9	1·1	18 44	1 1	7 19
Sat.	29		18	6 1	6 9	2·1	19 38	1 57	8 19
SUN.	30		19	6 0	6 9	3·1	20 33	2 56	9 19
Mon.	31		20	6 0	6 9	4·1	21 30	3 55	10 19

MARCH

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.
☽ *First Quarter.*	4	6	41·1	P.M.	☾ *Perigee*.........	1	11	A.M.
☺ *Full Moon* ...	12	0	48·0	A.M.	☾ *Apogee*.........	17	10	"
☾ *Last Quarter.*	20	4	21·0	A.M.	☾ *Perigee*.........	29	6	"
● *New Moon* ...	27	10	55·5	A.M.				

The Planets.

Date.	☿ Mercury.				♀ Venus.				♂ Mars.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. passage.	Setting.	Declination.	Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	17 3	22 53	4 43	S 16 42	20 28	2 32	6 36	N 7 29	3 31	9 46	16 1	N 23 18
11	17 22	23 15	5 8	11 47	20 29	2 36	8 43	12 21	2 49	9 4	15 19	23 8
21	17 45	23 42	5 39	S 4 51	20 31	2 41	8 51	16 47	2 12	8 26	14 40	22 42
31	18 8	0 10	6 12	N 3 53	20 34	2 47	9 0	N 20 35	1 39	7 53	14 7	N 22 0

Date.	♃ Jupiter.				♄ Saturn.				♅ Uranus.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	2 55	9 9	15 23	N 21 43	23 18	5 30	11 42	N 19 17	7 7	13 8	19 9	N 2 1
11	2 14	8 28	14 42	21 48	22 41	4 53	11 5	19 26	6 26	12 27	18 28	2 11
21	1 34	7 48	14 2	21 50	22 4	4 16	10 28	19 36	5 46	11 46	17 47	2 22
31	0 55	7 9	13 23	N 21 48	21 29	3 41	9 53	N 19 47	5 4	11 5	17 6	N 2 32

The mean fall of rain is 1·65in.

No months without rain.

There are equal chances that the fall will be more or less than 1·1in.

There are four chances to one that the fall will not be more than 2·6in., nor less than 0·51in.

The greatest falls in March were in 1853, 8·40in., and in 1845, 5·4in.

The least falls were in 1850, 0·05in., in 1851, 0·18in., and in 1864, 0·01in.

The average number of days in which rain fell in March was 4·0d.

The average daily fall of rain on the days during which it rained in March was 0·41in.

The mean difference for March is 1·07in.

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APRIL

Day of Week.	Day of Month.	Malabar Date.		SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting.
				h m	h m	d	h m	h m	h m
Tues.	1	Menum or Panguny.	21	5 59	6 9	5·1	22 28	4 53	11 18
Wed.	2		22	5 59	6 9	6·1	23 26	5 51	12 14
Thur.	3		23	5 58	6 9	7·1	— —	6 46	13 7
Fri.	4		24	5 57	6 9	8·1	0 23	7 38	13 57
Sat.	5		25	5 57	6 9	9·1	1 18	8 28	14 44
SUN.	6		26	5 56	6 9	10·1	2 10	9 15	15 28
Mon.	7		27	5 56	6 9	11·1	3 1	10 1	16 11
Tues.	8		28	5 55	6 9	12·1	3 49	10 46	16 53
Wed.	9		29	5 55	6 8	13·1	4 37	11 30	17 35
Thur.	10		30	5 54	6 8	14·1	5 24	12 14	18 17
Fri.	11		31	5 54	6 8	15·1	6 10	12 59	19 0
Sat.	12	Madum or Chittray.	1	5 53	6 8	16·1	6 57	13 44	19 44
SUN.	13		2	5 53	6 8	17·1	7 44	14 30	20 29
Mon.	14		3	5 52	6 8	18·1	8 31	15 17	21 16
Tues.	15		4	5 52	6 8	19·1	9 19	16 5	22 4
Wed.	16		5	5 51	6 8	20·1	10 7	16 53	22 52
Thur.	17		6	5 51	6 8	21·1	10 54	17 41	23 42
Fri.	18		7	5 51	6 8	22·1	11 42	18 30	— —
Sat.	19		8	5 50	6 8	23·1	12 29	19 19	0 32
SUN.	20		9	5 50	6 8	24·1	13 16	20 8	1 23
Mon.	21		10	5 49	6 8	25·1	14 2	20 58	2 15
Tues.	22		11	5 49	6 8	26·1	14 50	21 50	3 8
Wed.	23		12	5 48	6 8	27·1	15 38	22 44	4 3
Thur.	24		13	5 48	6 8	28·1	16 28	23 40	5 1
Fri.	25		14	5 48	6 8	921	17 21	— —	6 0
Sat.	26		15	5 47	6 8	0·7	18 17	0 39	7 2
SUN.	27		16	5 47	6 8	1·7	19 15	1 39	8 4
Mon.	28		17	5 47	6 8	2·7	20 15	2 41	9 6
Tues.	29		18	5 46	6 8	3·7	21 16	3 41	10 6
Wed.	30		19	5 46	6 9	4·7	22 15	4 39	11 1
... ...	...		...	... ...	... ...	... ...	... ...	... ...	... ...

APRIL

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.
☽ *First Quarter.*	3	2	25·0 A.M.		● *New Moon.*	25	8	5·6 P.M.
⊕ *Full Moon....*	10	4	52·1 P.M.		☾ *Apogee......*	14	12	Midnight
☾ *Last Quarter.*	18	9	2·7 P.M.		☾ *Perigee......*	26	2	P.M.

The Planets.

Date.	☿ Mercury.				♀ Venus.				♂ Mars.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	18 10	0 13	6 16	N 4 49	20 35	2 48	9 1	N 20 55	1 36	7 60	14 4	N 21 55
11	18 41	0 49	6 57	13 58	20 40	2 55	9 10	23 49	1 7	7 20	13 33	20 59
21	19 0	1 13	7 26	20 26	20 45	3 1	9 17	25 46	0 42	6 54	13 6	19 52
30	18 59	1 13	7 27	N 22 40	20 49	3 6	9 23	N 26 40	0 19	6 31	12 43	N 18 42

Date.	♃ Jupiter.				♄ Saturn.				♅ Uranus.			
	Rising.	Merid. Passage.	Setting.	Declination.	Rising.	Merid. Passage.	Setting.	Declination	Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	0 52	7 6	13 20	N 21 47	21 25	3 37	9 49	N 19 43	5 0	11 1	17 2	N 2 33
11	0 14	6 28	12 42	21 41	20 50	3 2	9 14	20 0	4 18	10 20	16 22	2 42
21	23 40	5 53	12 6	21 32	20 14	2 27	8 40	20 12	3 38	9 40	15 42	2 50
30	23 8	5 21	11 34	N 21 21	19 43	1 33	8 9	N 20 23	2 57	8 59	15 1	N 2 56

The mean fall of rain is 4·58in.

No months without rain.

There are equal chances that the fall will be more or less than 4·17in.

There are four chances to one that the fall will not exceed 6·39in., and that it will not be below 1·74in.

The greatest falls in April were in 1859, 17·27in., in 1856, 10·9in, and in 1843 10·47in.

The least falls were in 1854, 0·32in., and in 1879, 0·49in.

The average number of days in which rain fell in April was 9·7d.

The average daily fall of rain on the days during which it rained in April was 0·47in.

The mean difference for April is 2·49in.

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MAY

Day of Week.	Day of Month.	Malabar date.		SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting
				h m	h m	d	h m	h m	h m
Thur.	1	Madum or Chittray.	20	5 45	6 9	5·7	23 12	5 34	11 53
Fri.	2		21	5 45	6 9	6·7	— —	6 25	12 42
Sat.	3		22	5 45	6 9	7·7	0 6	7 13	13 27
SUN.	4		23	5 45	6 9	8·7	0 58	8 0	14 11
Mon.	5		24	5 44	6 9	9·7	1 47	8 44	14 53
Tues.	6		25	5 44	6 9	10·7	2 35	9 28	15 34
Wed.	7		26	5 44	6 9	11·7	3 21	10 12	16 16
Thur.	8		27	5 43	6 9	12·7	4 7	10 56	16 58
Fri.	9		28	5 43	6 9	13·7	4 54	11 41	17 42
Sat.	10		29	5 43	6 9	14·7	5 40	12 27	18 26
SUN.	11		30	5 43	6 10	15·7	6 28	13 14	19 13
Mon.	12	Eddavum or Vaikausy.	1	5 43	6 10	16·7	7 15	14 1	20 0
Tues.	13		2	5 42	6 10	17·7	8 3	14 49	20 48
Wed.	14		3	5 42	6 10	18·7	8 51	15 37	21 37
Thur.	15		4	5 42	6 10	19·7	9 38	16 25	22 26
Fri.	16		5	5 42	6 10	20·7	10 25	17 13	23 15
Sat.	17		6	5 42	6 11	21·7	11 11	18 0	— —
SUN.	18		7	5 42	6 11	22·7	11 56	18 49	0 6
Mon.	19		8	5 42	6 11	23·7	12 42	19 38	0 57
Tues.	20		9	5 41	6 11	24·7	13 28	20 29	1 49
Wed.	21		10	5 41	6 11	25·7	14 16	21 23	2 44
Thur.	22		11	5 41	6 11	26·7	15 6	22 19	3 41
Fri.	23		12	5 41	6 12	27·7	16 0	23 19	4 41
Sat.	24		13	5 41	6 12	28·7	16 56	— —	5 44
SUN.	25		14	5 41	6 12	0·4	17 56	0 21	6 47
Mon.	26		15	5 41	6 12	1·4	18 57	1 23	7 49
Tues.	27		16	5 41	6 13	2·4	19 59	2 24	8 49
Wed.	28		17	5 41	6 13	3·4	20 59	3 23	9 45
Thur.	29		18	5 41	6 13	4·4	21 57	4 18	10 36
Fri.	30		19	5 41	6 13	5·4	22 51	5 9	11 24
Sat.	31		20	5 41	6 14	6·4	23 43	5 57	12 9

MAY

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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☽ *First Quarter.*	2	11	15·6 A.M.	☽ *First Quarter..*	31	10	4·4 P.M.
🌕 *Full Moon* ...	10	9	15·7 A.M.	☾ *Apogee*	11	5	A.M.
☾ *Last Quarter.*	18	10	2·4 A.M.	☾ *Perigee*	25	12	Midnight
● *New Moon* ...	25	3	44·6 A.M.				

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	18 57	1 11	7 25	N 22 42	20 50	3 7	9 24	N26 45	0 18	6 29	12 40	N 13 34
11	18 21	0 34	6 47	21 5	20 52	3 9	9 26	26 43	23 57	6 7	12 17	17 4
21	17 19	23 30	5 41	17 11	20 50	3 7	9 24	25 53	23 35	5 44	11 53	15 24
31	16 35	22 44	4 53	N 14 47	20 42	2 57	9 12	N24 21	23 16	5 24	11 32	N 13 34

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	23 5	5 18	11 31	N 21 20	19 40	1 53	8 6	N 20 24	2 53	8 55	14 57	N 2 57
11	22 31	4 44	10 57	21 4	19 6	1 19	7 32	20 36	2 17	8 19	14 21	3 0
21	21 58	4 11	10 24	20 46	18 32	0 45	6 58	22 48	1 37	7 39	13 41	3 4
31	21 25	3 38	9 51	N 20 24	17 58	0 11	6 24	N 20 59	0 58	7 0	13 2	N 3 4

The mean fall of rain is 9·98in.

No months without rain.

There are equal chances that the fall will be more or less than 6·85in.

There are four chances to one that the fall will not exceed 14·34in., and that it will not be below 4·07in.

The greatest falls in May were in 1852, 38·7in., in 1858, 38·10in., and in 1879, 25·25in.

The least falls were in 1870, 0·36in., and in 1866, 0·77in.

The average number of days in which rain fell in May was 14·6d.

The average daily fall of rain on the days during which it rained in May was 0·68in.

The mean difference for May is 5·98in.

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JUNE

Day of Week.	Day of Month.	Malabar date.		SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting.
				h m	h m	d	h m	h m	h m
SUN.	1	Eddavum or Vaikausy	21	5 41	6 14	7·4	— —	6 43	12 52
Mon.	2		22	5 41	6 14	8·4	0 32	7 27	13 34
Tues.	3		23	5 41	6 14	9·4	1 19	8 11	14 15
Wed.	4		24	5 41	6 15	10·4	2 5	8 55	14 57
Thur.	5		25	5 42	6 15	11·4	2 51	9 39	15 40
Fri.	6		26	5 42	6 15	12·4	3 38	10 25	16 21
Sat.	7		27	5 42	6 15	13·4	4 25	11 11	17 10
SUN.	8		28	5 42	6 16	14·4	5 12	11 59	17 57
Mon.	9		29	5 42	6 16	15·4	6 0	12 47	18 45
Tues.	10		30	5 42	6 16	16·4	6 48	13 35	19 34
Wed.	11		31	5 42	6 16	17·4	7 36	14 23	20 23
Thur.	12		32	5 42	6 17	18·4	8 23	15 10	21 12
Fri.	13	Methunum or Auny	1	5 43	6 17	19·4	9 9	15 58	22 2
Sat.	14		2	5 43	6 17	20·4	9 54	16 45	22 51
SUN.	15		3	5 43	6 17	21·4	10 39	17 32	23 42
Mon.	16		4	5 43	6 18	22·4	11 24	18 21	— —
Tues.	17		5	5 43	6 18	23·4	12 10	19 12	0 34
Wed.	18		6	5 43	6 18	24·4	12 57	20 5	1 28
Thur.	19		7	5 44	6 18	25·4	13 48	21 2	2 25
Fri.	20		8	5 44	6 19	26·4	14 41	22 1	3 25
Sat.	21		9	5 44	6 19	27·4	15 37	23 3	4 26
SUN.	22		10	5 44	6 19	28·4	16 37	— —	5 29
Mon.	23		11	5 45	6 19	0·1	17 39	0 5	6 30
Tues.	24		12	5 45	6 19	1·1	18 41	1 6	7 29
Wed.	25		13	5 45	6 20	2·1	19 41	2 4	8 24
Thur.	26		14	5 45	6 20	3·1	20 39	2 58	9 16
Fri.	27		15	5 45	6 20	4·1	21 33	3 49	10 3
Sat.	28		16	5 46	6 20	5·1	22 25	4 37	10 48
SUN.	29		17	5 46	6 20	6·1	23 14	5 23	11 31
Mon.	30		18	5 46	6 20	7·1	— —	6 8	12 13
...	...		...	... ...	... ...	...	... ...	... ...	... ...

JUNE

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.	
😐 *Full Moon....*	9	0	57·2	A.M.	☽ *First Quarter.*	30	11	22·8	A.M.
☾ *Last Quarter.*	16	7	42·4	P.M.	☾ *Apogee......*	7	8		A.M.
● *New Moon.*	23	10	41·1	A.M.	☾ *Perigee......*	22	9		A.M.

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus Rising.	Merid. Passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. Passage.	Setting.	Declination.
	h. m	h. m.	h. m.	° ′	h. m	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	16 32	22 41	4 50	N 14 44	20 41	2 56	9 11	N 24 10	23 13	5 21	11 29	N 13 23
11	16 15	22 25	4 35	16 5	20 21	2 35	8 49	22 16	22 55	5 2	11 9	11 22
21	16 22	22 34	4 46	19 35	19 48	2 1	8 14	20 29	22 38	4 43	10 48	9 13
30	16 51	23 5	5 19	N 22 49	19 4	1 16	7 28	N 18 45	22 22	4 26	10 30	N 7 10

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	21 22	3 35	9 48	N 20 22	17 54	0 7	6 20	N 21 0	0 54	6 56	12 58	N 3 4
11	20 51	3 3	9 15	19 57	17 17	23 30	5 43	21 10	0 15	6 17	12 19	3 3
21	20 20	2 32	8 44	19 30	16 43	22 56	5 9	21 18	23 36	5 38	11 40	2 59
30	19 52	2 4	8 16	N 19 3	16 13	22 26	4 39	N 21 25	23 1	5 3	11 5	N 2 54

The mean fall of rain is 12·71in.

No months without rain.

There are equal chances that the fall will be more or less than 11·46in.

There are four chances to one that the fall will not exceed 16·23in., and that it will not be below 7·16in.

The greatest falls in June were in 1864, 32·79in., in 1878, 28·15in, in 1877, 23·24in., in 1863, 21·40in., and in 1846, 21·23in.

The least falls were in 1879, 3·82in., and in 1860, 3·83in.

The average number of days in which rain fell in June was 22·5d.

The average daily fall of rain on the days during which it rained in June was 0·56in.

The mean difference for June is 5·0in.

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JULY

Day of Week.	Day of Month.	Malabar Date.		SUN'S Mean Time Trevandrum. Rising.		SUN'S Mean Time Trevandrum. Setting.		MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.		MOON'S Mean Time Trevandrum. Meridian Passage.		MOON'S Mean Time Trevandrum. Setting.	
				h	*m*	*h*	*m*	*d*	*h*	*m*	*h*	*m*	*h*	*m*
Tues.	1	Methunum or Auny.	19	5	46	6	21	8·1	0	1	6	52	12	55
Wed.	2		20	5	47	6	21	9·1	0	48	7	37	13	38
Thur.	3		21	5	47	6	21	10·1	1	35	8	22	14	22
Fri.	4		22	5	47	6	21	11·1	2	21	9	8	15	7
Sat.	5		23	5	47	6	21	12·1	3	9	9	55	15	53
SUN.	6		24	5	48	6	21	13·1	3	56	10	43	16	41
Mon.	7		25	5	48	6	21	14·1	4	44	11	31	17	30
Tues.	8		26	5	48	6	21	15·1	5	33	12	20	18	20
Wed.	9		27	5	48	6	21	16·1	6	20	13	8	19	10
Thur.	10		28	5	49	6	21	17·1	7	7	13	56	19	59
Fri.	11		29	5	49	6	22	18·1	7	54	14	43	20	49
Sat.	12		30	5	49	6	22	19·1	8	39	15	31	21	40
SUN.	13		31	5	49	6	22	20·1	9	24	16	19	22	30
Mon.	14		32	5	49	6	22	21·1	10	9	17	8	23	23
Tues.	15	Carcadagum or Audy.	1	5	50	6	22	22·1	10	55	17	59	—	—
Wed.	16		2	5	50	6	22	23·1	11	43	18	52	0	17
Thur.	17		3	5	50	6	22	24·1	12	33	19	48	1	13
Fri.	18		4	5	50	6	21	25·1	13	26	20	47	2	12
Sat.	19		5	5	50	6	21	26·1	14	23	21	48	3	12
SUN.	20		6	5	51	6	21	27·1	15	22	22	48	4	13
Mon.	21		7	5	51	6	21	28·1	16	23	23	47	5	13
Tues.	22		8	5	51	6	21	29·1	17	23	—	—	6	9
Wed.	23		9	5	51	6	21	0·8	18	23	0	44	7	3
Thur.	24		10	5	51	6	21	1·8	19	19	1	37	7	53
Fri.	25		11	5	52	6	21	2·8	20	13	2	28	8	40
Sat.	26		12	5	52	6	21	3·8	21	4	3	16	9	25
SUN.	27		13	5	52	6	21	4·8	21	54	4	2	10	9
Mon.	28		14	5	52	6	20	5·8	22	42	4	47	10	52
Tues.	29		15	5	52	6	20	6·8	23	29	5	32	11	34
Wed.	30		16	5	52	6	20	7·8	—	—	6	17	12	18
Thur.	31		17	5	52	6	20	8·8	0	16	7	3	13	2

JULY

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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
◯ *Full Moon* ...	8	3	18·3 P.M.	☽ *First Quarter* ..	30	3	9·3 A.M.
☾ *Last Quarter*.	16	2	46·8 A.M.	☾ *Apogee*	4	6	P.M.
● *New Moon* ...	22	6	2·1 P.M.	☾ *Perigee*	20	12	Noon.

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	16 56	23 10	5 26	N 23 5	18 59	1 10	7 21	N 18 35	22 20	4 24	10 28	N 6 56
11	17 45	0 0	6 15	23 40	17 54	0 5	6 16	17 15	22 3	4 6	10 9	4 33
21	18 34	0 46	6 58	20 2	16 47	22 57	5 7	16 30	21 47	3 48	9 49	N 2 6
31	19 11	1 19	7 27	N 13 55	15 58	22 8	4 18	N 16 23	21 30	3 30	9 30	S 0 27

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	19 49	2 1	8 13	N 18 0	16 9	22 22	4 35	N 21 26	22 58	5 0	11 2	N 2 53
11	19 19	1 30	7 41	18 27	15 35	21 48	4 1	21 33	22 19	4 21	10 23	2 46
21	18 49	1 0	7 11	17 53	15 1	21 14	3 27	21 38	21 42	3 44	9 46	2 38
31	18 18	0 29	6 40	N 17 16	14 25	20 39	2 53	N 21 43	21 5	3 6	9 7	N 2 25

The mean fall of rain is 7·0in.

No months without rain.

There are equal chances that the fall will be more or less than 6·81in.

There are four chances to one that the fall will not be more than 9·36in., nor less than 4·27in.

The greatest falls in July were in 1839, 14·68in., in 1866, 12·92in., in 1843, 12·29in., in 1859, 11·56in., and in 1871, 10·85in.

The least falls were in 1860, 1·5in., in 1877, 2·8in., and 1845, 3·42in.

The average number of days in which rain fell in July was 20·0d.

The average daily fall of rain on the days during which it rained in July was 0·35in.

The mean difference for July is 2·41in.

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AUGUST

Day of Week.	Day of Month.	Malabar month	Malabar date.	SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting.
				h m	h m	d	h m	h m	h m
Fri.	1	Carcadagum or Audy.	18	5 53	6 20	9·8	1 3	7 50	13 48
Sat.	2		19	5 53	6 19	10·8	1 51	8 37	14 36
SUN.	3		20	5 53	6 19	11·8	2 39	9 26	15 24
Mon.	4		21	5 53	6 19	12·8	3 27	10 14	16 14
Tues.	5		22	5 53	6 19	13·8	4 15	11 3	17 4
Wed.	6		23	5 53	6 18	14·8	5 3	11 52	17 54
Thur.	7		24	5 53	6 18	15·8	5 50	12 40	18 45
Fri.	8		25	5 53	6 18	16·8	6 36	13 28	19 36
Sat.	9		26	5 53	6 17	17·8	7 22	14 17	20 27
SUN.	10		27	5 53	6 17	18·8	8 8	15 6	21 19
Mon.	11		28	5 53	6 17	19·8	8 54	15 56	22 13
Tues.	12		29	5 53	6 16	20·8	9 41	16 49	23 8
Wed.	13		30	5 53	6 16	21·8	10 31	17 43	— —
Thur.	14		31	5 53	6 16	22·8	11 22	18 39	0 5
Fri.	15	Chingum or Auvany (1060.)	1	5 53	6 15	23·8	12 16	19 37	1 4
Sat.	16		2	5 53	6 15	24·8	13 13	20 36	2 2
SUN.	17		3	5 53	6 14	25·8	14 11	21 34	3 1
Mon.	18		4	5 53	6 14	26·8	15 10	22 31	3 57
Tues.	19		5	5 53	6 14	27·8	16 9	23 25	4 51
Wed.	20		6	5 53	6 13	28·8	17 5	— —	5 42
Thur.	21		7	5 53	6 13	0·4	18 0	0 16	6 31
Fri.	22		8	5 53	6 12	1·4	18 53	1 6	7 17
Sat.	23		9	5 53	6 12	2·4	19 44	1 53	8 2
SUN.	24		10	5 53	6 11	3·4	20 33	2 40	8 45
Mon.	25		11	5 53	6 11	4·4	21 21	3 25	9 29
Tues.	26		12	5 53	6 10	5·4	22 9	4 11	10 12
Wed.	27		13	5 53	6 10	6·4	22 56	4 57	10 57
Thur.	28		14	5 53	6 9	7·7	23 44	5 43	11 42
Fri.	29		15	5 53	6 9	8·7	— —	6 30	12 29
Sat.	30		16	5 53	6 8	9·4	0 32	7 18	13 17
SUN.	31		17	5 53	6 8	10·4	1 20	8 6	14 5

AUGUST

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.
☺ *Full Moon....*	7	4	14·7 A.M.	☾ *Apogee ......*		1	9	A.M.
☾ *Last Quarter.*	14	8	16·1 A.M.	☾ *Perigee ......*		16	10	P.M.
● *New Moon.*	21	3	2·1 A.M.	☾ *Apogee ......*		29	4	A.M.
☽ *First Quarter.*	28	8	49·9 P.M.					

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. Passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	19 14	1 22	7 30	N 13 14	15 54	22 [illegible]	4 14	N 16 24	21 29	3 29	9 29	S 0 42
11	19 34	1 38	7 42	6 25	15 22	21 32	3 42	16 45	21 14	3 12	9 10	3 17
21	19 41	1 41	7 41	N 0 7	15 0	21 11	3 22	17 10	21 0	2 56	8 52	5 53
31	19 32	1 29	7 26	S 4 37	14 50	21 1	3 12	N 17 12	20 45	2 40	8 35	S 8 27

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	18 15	0 26	6 37	N 17 12	14 21	20 35	2 49	N 21 43	21 1	3 2	9 3	N 2 24
11	17 42	23 52	6 2	16 34	13 46	20 0	2 14	21 47	20 24	2 25	8 26	2 12
21	17 12	23 22	5 32	15 55	13 10	19 24	1 38	21 49	19 46	1 47	7 48	1 58
31	16 42	22 51	5 0	N 15 15	12 34	18 48	1 2	N 21 51	19 9	1 10	7 11	N 1 45

The mean fall of rain is 4·65in.

No months without rain.

There are equal chances that the fall will be more or less than 3·47in.

There are four chances to one that the fall will not exceed 5·16in., and that it will not be below 2·52in.

The greatest falls in August were in 1878, 21·49in., in 1849, 17·64in., and in 1862, 13·37in.

The least falls were in 1847, 1·02in., and in 1845, 1·25in.

The average number of days in which rain fell in August was 16·3d.

The average daily fall of rain on the days during which it rained in August was 0·28in.

The mean difference for August is 2·61in.

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SEPTEMBER

Day of Week.	Day of Month.	Malabar date.		SUN'S Mean Time Trevandrum. Rising.		Setting.		MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.		Meridian Passage.		Setting.	
				h	m	h	m	d	h	m	h	m	h	m
Mon.	1		18	5	52	6	7	11·4	2	7	8	55	14	55
Tues.	2		19	5	53	6	7	12·4	2	55	9	43	15	46
Wed.	3	Chingum or Auvany.	20	5	52	6	6	13·4	3	42	10	32	16	37
Thur.	4		21	5	52	6	6	14·4	4	29	11	21	17	28
Fri.	5		22	5	52	6	5	15·4	5	15	12	10	18	20
Sat.	6		23	5	52	6	4	16·4	6	2	13	1	19	13
SUN.	7		24	5	52	6	4	17·4	6	49	13	52	20	8
Mon.	8		25	5	52	6	3	18·4	7	37	14	44	21	3
Tues.	9		26	5	52	6	3	19·4	8	27	15	39	22	1
Wed.	10		27	5	52	6	2	20·4	9	19	16	35	22	59
Thur.	11		28	5	52	6	2	21·4	10	13	17	33	23	57
Fri.	12		29	5	51	6	1	22·4	11	9	18	30	—	—
Sat.	13		30	5	51	6	0	23·4	12	6	19	27	0	55
SUN.	14		31	5	51	6	0	24·4	13	3	20	23	1	50
Mon.	15		1	5	51	5	59	25·4	14	1	21	17	2	44
Tues.	16		2	5	51	5	59	26·4	14	57	22	8	3	35
Wed.	17		3	5	51	5	58	27·4	15	51	22	57	4	23
Thur.	18		4	5	51	5	57	28·4	16	43	23	45	5	10
Fri.	19		5	5	51	5	57	29·4	17	34	—	—	5	55
Sat.	20	Cunny or Purattasy.	6	5	50	5	56	0·9	18	24	0	32	6	39
SUN.	21		7	5	50	5	56	1·9	19	12	1	18	7	23
Mon.	22		8	5	50	5	55	2·9	20	1	2	4	8	6
Tues.	23		9	5	50	5	55	3·9	20	49	2	50	8	50
Wed.	24		10	5	50	5	54	4·9	21	37	3	36	9	36
Thur.	25		11	5	50	5	53	5·9	22	24	4	23	10	22
Fri.	26		12	5	50	5	53	6·9	23	12	5	10	11	9
Sat.	27		13	5	50	5	52	7·9	23	59	5	58	11	57
SUN.	28		14	5	50	5	52	8·9	—	—	6	46	12	46
Mon.	29		15	5	50	5	51	9·9	0	47	7	34	13	35
Tues.	30		16	5	49	5	51	10·9	1	33	8	22	14	25
...	...		...	...	...	...	...	...	...	...	...	...	...	...

SEPTEMBER

1884
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Phases of the Moon.

	d.	h.	m.			d.	h.	m.	
☺ *Full Moon* ...	5	4	3·8	P.M.	☽ *First Quarter*..	27	3	28·9	P.M.
☾ *Last Quarter*.	12	1	24·5	P.M.	☾ *Perigee*.........	10	11		P.M.
● *New Moon* ...	19	2	45·0	P.M.	☾ *Apogee*.........	25	11		P.M.

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	19 30	1 27	7 24	S 4 56	14 49	21 0	3 11	N17 11	20 44	2 39	8 34	S 8 43
11	18 48	0 45	6 42	5 36	14 46	20 56	3 6	16 34	20 31	2 24	8 17	11 14
21	17 28	23 28	5 28	S 0 22	14 46	20 55	3 4	15 13	20 19	2 11	8 3	13 39
30	16 46	22 48	4 50	N 3 50	14 49	20 57	3 5	N13 21	20 9	1 59	7 40	S 15 43

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	16 39	22 48	4 57	N 15 11	12 30	18 44	0 58	N21 51	19 5	1 6	7 7	N 1 43
11	16 8	22 17	4 26	14 31	11 53	18 7	0 21	21 51	18 29	0 30	6 31	1 28
21	15 37	21 45	3 53	13 51	11 15	17 29	23 43	21 52	17 48	23 49	5 50	1 13
30	15 8	21 16	3 24	N13 17	10 40	16 54	23 8	N21 51	17 14	23 15	5 16	N 0 59

The mean fall of rain is 4·07in.

No months without rain.

There are equal chances that the fall will be more or less than 3·01in.

There are four chances to one that the fall will not be more than 6·03in., nor less than 1·68in.

The greatest falls in September were in 1872, 13·56in., in 1878, 12·13in., in 1841, 11·05in., and in 1877, 11·03in.

The least falls were in 1851, 0·04in., in 1845, 0·29in., and in 1853, 0·32in.

The average number of days in which rain fell in September was 12·6d.

The average daily fall of rain on the days during which it rained in September was 0·32in.

The mean difference for September is 2·59in.

1884 / 1060

OCTOBER

Day of Week.	Day of Month.	Malabar date.		SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting
				h m	*h m*	*d.*	*h m*	*h m*	*h m*
Wed.	1	Cunny or Purattasy.	17	5 49	5 50	11·9	2 20	9 10	15 16
Thur.	2		18	5 49	5 49	12·9	3 6	9 59	16 8
Fri.	3		19	5 49	5 49	13·9	3 52	10 49	17 1
Sat.	4		20	5 49	5 48	14·9	4 39	11 41	17 56
SUN.	5		21	5 49	5 48	15·9	5 28	12 34	18 53
Mon.	6		22	5 49	5 47	16·9	6 18	13 30	19 51
Tues.	7		23	5 49	5 47	17·9	7 10	14 27	20 51
Wed.	8		24	5 49	5 46	18·9	8 5	15 26	21 51
Thur.	9		25	5 49	5 46	19·9	9 2	16 25	22 50
Fri.	10		26	5 49	5 45	20·9	10 0	17 23	23 47
Sat.	11		27	5 49	5 45	21·9	10 59	18 19	— —
SUN.	12		28	5 49	5 44	22·9	11 56	19 13	0 41
Mon.	13		29	5 49	5 44	23·9	12 52	20 4	1 32
Tues.	14		30	5 49	5 43	24·9	13 46	20 53	2 20
Wed.	15	Toolam or Arpasy.	1	5 49	5 43	25·9	14 38	21 41	3 7
Thur.	16		2	5 49	5 43	26·9	15 29	22 27	3 51
Fri.	17		3	5 49	5 42	27·9	16 18	23 13	4 35
Sat.	18		4	5 49	5 42	28·9	17 6	23 58	5 18
SUN.	19		5	5 49	5 41	0·3	17 54	— —	6 2
Mon.	20		6	5 49	5 41	1·3	18 42	0 44	6 45
Tues.	21		7	5 49	5 40	2·3	19 30	1 30	7 30
Wed.	22		8	5 49	5 40	3·3	20 18	2 17	8 16
Thur.	23		9	5 49	5 40	4·3	21 6	3 4	9 3
Fri.	24		10	5 49	5 39	5·3	21 53	3 52	9 50
Sat.	25		11	5 49	5 39	6·3	22 40	4 39	10 38
SUN.	26		12	5 49	5 39	7·3	23 26	5 26	11 26
Mon.	27		13	5 49	5 38	8·3	— —	6 13	12 15
Tues.	28		14	5 50	5 38	9·3	0 12	7 0	13 4
Wed.	29		15	5 50	5 38	10·3	0 57	7 48	13 54
Thur.	30		16	5 50	5 38	11·3	1 42	8 36	14 46
Fri.	31		17	5 50	5 37	12·3	2 28	9 26	15 39

OCTOBER

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Phases of the Moon.

	d.	h.	m.		d.	h.	m.
☺ *Full Moon* ...	5	3	8·0 A.M.	☽ *First Quarter*..	27	10	2·4 A.M.
☾ *Last Quarter*.	11	7	37·2 P.M.	☾ *Perigee*.........	7	7	P.M.
● *New Moon* ...	19	5	39·4 A.M.	☾ *Apogee*.........	23	6	P.M.

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	16 45	22 47	4 49	N 3 55	14 49	20 57	3 5	N13 6	20 8	1 58	7 48	S 15 56
11	16 51	22 51	4 51	0 54	14 54	21 0	3 6	10 14	19 57	1 46	7 35	18 3
21	17 18	23 14	5 10	S 5 48	15 0	21 4	3 8	6 45	19 49	1 36	7 23	19 56
31	17 44	23 36	5 28	S 12 43	15 5	21 7	3 9	N 2 46	19 40	1 26	7 12	S 21 32

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	16 5	21 13	3 21	N13 13	10 36	16 50	23 4	N21 51	17 10	23 11	5 12	N 0 57
11	14 33	20 41	2 49	12 37	9 57	16 11	22 25	21 51	16 55	22 55	4 56	0 43
21	14 1	20 8	2 15	12 3	9 17	15 31	21 45	21 49	15 58	21 58	3 58	0 29
31	13 27	19 34	1 41	N11 33	8 36	14 50	21 4	N21 48	15 20	21 20	3 20	N 0 16

The mean fall of rain is 10·12in.

No months without rain.

There are equal chances that the fall will be more or less than 9·27in.

There are four chances to one that the fall will not be more than 13·89in., nor less than 6·16in.

The greatest falls in October were in 1850, 21·20in., and in 1843, 18·62in.

The least falls were in 1861, 2·48in., and in 1880, 2·76in.

The average number of days in which rain fell in October was 16·0d.

The average daily fall of rain on the days during which it rained in October was 0·63in.

The mean difference for October is 3·86in.

NOVEMBER

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Day of Week.	Day of Month.	Malabar Date.	SUN'S Mean Time Trevandrum. Rising.	SUN'S Mean Time Trevandrum. Setting.	MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.	MOON'S Mean Time Trevandrum. Meridian Passage.	MOON'S Mean Time Trevandrum. Setting.
			h m	h m	d	h m	h m	h m
Sat.	1	Toolam or Arpasy. 18	5 50	5 37	13·3	3 15	10 19	16 35
SUN.	2	19	5 50	5 37	14·3	4 4	11 14	17 34
Mon.	3	20	5 51	5 37	15·3	4 55	12 11	18 34
Tues.	4	21	5 52	5 37	16·3	5 50	13 12	19 36
Wed.	5	22	5 51	5 36	17·3	6 48	14 13	20 38
Thur.	6	23	5 51	5 36	18·3	7 48	15 14	21 38
Fri.	7	24	5 51	5 36	19·3	8 48	16 13	22 35
Sat.	8	25	5 52	5 36	20·3	9 48	17 9	23 29
SUN.	9	26	5 52	5 36	21·3	10 47	18 1	— —
Mon.	10	27	5 52	5 36	22·3	11 42	18 51	0 19
Tues.	11	28	5 53	5 36	23·3	12 35	19 39	1 6
Wed.	12	29	5 53	5 36	24·3	13 27	20 25	1 50
Thur.	13	30	5 53	5 36	25·3	14 15	21 10	2 34
Fri.	14	Vreehegum or Kartigay. 1	5 53	5 36	26·3	15 3	21 55	3 16
Sat.	15	2	5 54	5 36	27·3	15 51	22 41	3 59
SUN.	16	3	5 54	5 36	28·3	16 38	23 27	4 42
Mon.	17	4	5 55	5 36	29·3	17 26	— —	5 27
Tues.	18	5	5 55	5 36	0·5	18 14	0 13	6 12
Wed.	19	6	5 55	5 36	1·5	19 1	1 0	6 58
Thur.	20	7	5 56	5 36	2·5	19 49	1 47	7 46
Fri.	21	8	5 56	5 36	3·5	20 36	2 35	8 33
Sat.	22	9	5 56	5 36	4·5	21 22	3 22	9 21
SUN.	23	10	5 57	5 36	5·5	22 8	4 8	10 9
Mon.	24	11	5 57	5 36	6·5	22 52	4 54	10 57
Tues.	25	12	5 58	5 36	7·5	23 36	5 40	11 45
Wed.	26	13	5 58	5 37	8·5	— —	6 27	12 34
Thur.	27	14	5 59	5 37	9·5	0 20	7 14	13 25
Fri.	28	15	5 59	5 37	10·5	1 5	8 4	14 18
Sat.	29	16	6 0	5 37	11·5	1 51	8 56	15 14
SUN.	30	17	6 0	5 38	12·5	2 40	9 51	16 13
...	...	...	... ...	... ...	...	... ...	... ...	... ...

NOVEMBER

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.	
😐 *Full Moon....*	3	1	44·8	P.M.	☽ *First Quarter.*	26	3	23·9	A.M.
☾ *Last Quarter.*	10	4	20·4	A.M.	☾ *Perigee......*	4	9		P.M.
● *New Moon.*	17	11	19·7	P.M.	☾ *Apogee......*	20	8		A.M.

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. Passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	17 46	23 38	5 30	S 13 21	15 7	21 8	3 9	N 2 21	19 39	1 25	7 11	S 21 41
11	18 12	0 0	5 48	19 6	15 13	21 12	3 11	S 1 54	19 32	1 17	7 2	22 56
21	18 40	0 25	6 10	23 17	15 21	21 17	3 13	6 20	19 25	1 10	6 55	23 48
30	19 6	0 49	6 33	S 25 23	15 29	21 23	3 17	S 10 12	19 19	1 4	6 49	S 24 15

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid. Passage.	Setting.	Declination.	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	13 24	19 31	1 38	N 11 31	8 32	14 46	21 0	N 21 48	15 16	21 16	3 16	N 0 14
11	12 49	18 56	1 3	11 4	7 50	14 4	20 18	21 46	14 39	20 39	2 39	N 0 3
21	12 15	18 21	0 27	10 44	7 8	13 22	19 36	21 44	14 1	20 1	2 1	S 0 6
30	11 42	17 48	23 54	N 10 30	6 30	12 44	18 58	N 21 42	13 27	19 27	1 27	S 0 14

The mean fall of rain is 6·25in.

No months without rain.

There are equal chances that the fall will be more or less than 5·81in.

There are four chances to one that the fall will not be more than 8·63in., nor less than 3·93in.

The greatest falls in November were in 1851, 15·11in., and in 1847, 13·56in.

The least falls were in 1855, 0·22in., in 1860, 0·62in., and in 1864, 0·89in.

The average number of days in which rain fell in November was 13·0d.

The average daily fall of rain on the days during which it rained in November was 0·48in.

The mean difference for November is 2·48in.

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DECEMBER

Day of Week.	Day of Month.	Malabar date.		SUN'S Mean Time Trevandrum. Rising.		SUN'S Setting.		MOON'S Age. Mean Noon.	MOON'S Mean Time Trevandrum. Rising.		Meridian Passage.		Setting.	
				h	m	h	m	d	h	m	h	m	h	m
Mon.	1	Vrechegum or Kartigay.	18	6	0	5	38	13·5	3	32	10	50	17	14
Tues.	2		19	6	1	5	38	14·5	4	28	11	52	18	18
Wed.	3		20	6	1	5	38	15·5	5	27	12	55	19	21
Thur.	4		21	6	2	5	39	16·5	6	29	13	57	20	22
Fri.	5		22	6	2	5	39	17·5	7	32	14	57	21	19
Sat.	6		23	6	3	5	39	18·5	8	33	15	54	22	13
SUN.	7		24	6	3	5	40	19·5	9	33	16	46	23	2
Mon.	8		25	6	4	5	40	20·5	10	29	17	36	23	48
Tues.	9		26	6	4	5	40	21·5	11	22	18	24	—	—
Wed.	10		27	6	5	5	41	22·5	12	13	19	9	0	33
Thur.	11		28	6	6	5	41	23·5	13	1	19	54	1	16
Fri.	12		29	6	6	5	42	24·5	13	49	20	39	1	59
Sat.	13		30	6	7	5	42	25·5	14	36	21	24	2	41
SUN.	14	Dhanoo or Margaly.	1	6	7	5	42	26·5	15	23	22	10	3	25
Mon.	15		2	6	8	5	43	27·5	16	10	22	57	4	10
Tues.	16		3	6	8	5	43	28·5	16	58	23	44	4	56
Wed.	17		4	6	9	5	44	29·5	17	46	—	—	5	43
Thur.	18		5	6	9	5	44	0·7	18	33	0	32	6	30
Fri.	19		6	6	10	5	45	1·7	19	20	1	19	7	18
Sat.	20		7	6	10	5	45	2·7	20	6	2	6	8	6
SUN.	21		8	6	11	5	46	3·7	20	51	2	52	8	54
Mon.	22		9	6	11	5	46	4·7	21	34	3	38	9	42
Tues.	23		10	6	12	5	47	5·7	22	18	4	23	10	30
Wed.	24		11	6	12	5	47	6·7	23	1	5	9	11	18
Thur.	25		12	6	13	5	48	7·7	23	45	5	56	12	8
Fri.	26		13	6	13	5	48	8·7	—	—	6	45	13	1
Sat.	27		14	6	14	5	49	9·7	0	31	7	37	13	56
SUN.	28		15	6	14	5	49	10·7	1	20	8	32	14	54
Mon.	29		16	6	15	5	50	11·7	2	11	9	30	15	55
Tues.	30		17	6	15	5	50	12·7	3	7	10	32	16	57
Wed.	31		18	6	15	5	51	13·7	4	6	11	34	18	0

DECEMBER

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Phases of the Moon.

	d.	h.	m.			d.	h.	m.	
☺ *Full Moon....*	3	0	7·7	A.M.	☾ *Perigee......*	3	8		A.M.
☾ *Last Quarter.*	9	4	38·5	P.M.	☾ *Apogee......*	17	9		A.M.
● *New Moon.*	17	6	32·5	P.M.	☾ *Perigee......*	31	9		P.M.
☽ *First Quarter.*	25	6	29·2	P.M.					

The Planets.

Date.	☿ Mercury. Rising.	Merid. Passage.	Setting.	Declination.	♀ Venus. Rising.	Merid. Passage.	Setting.	Declination.	♂ Mars. Rising.	Merid. passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	19 8	0 52	6 36	S 25 31	15 30	21 24	3 18	S 10 37	19 18	1 3	6 48	S 24 16
11	19 32	1 16	7 0	25 25	15 41	21 32	3 23	14 34	19 12	0 57	6 42	24 18
21	19 39	1 24	7 9	23 7	15 53	21 42	3 31	17 58	19 6	0 51	6 36	23 52
31	18 49	0 36	6 23	S 20 29	16 7	21 54	3 41	S 20 36	19 0	0 45	6 30	S 22 59

Date.	♃ Jupiter. Rising.	Merid. Passage.	Setting.	Declination.	♄ Saturn. Rising.	Merid Passage.	Setting.	Declination	♅ Uranus. Rising.	Merid. Passage.	Setting.	Declination.
	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′	h. m.	h. m.	h. m.	° ′
1	11 38	17 44	23 50	N 10 29	6 25	12 39	18 53	N 21 41	13 23	19 23	1 23	S 0 15
11	11 1	17 7	23 13	10 21	5 42	11 56	18 10	21 39	12 45	18 45	0 45	0 22
21	10 22	16 28	22 34	10 20	5 1	11 14	17 27	21 36	12 6	18 6	0 6	0 25
31	9 42	15 48	21 54	N 10 27	4 18	10 31	16 44	N 21 34	11 27	17 27	23 27	S 0 28

The mean fall of rain is 2·45in.

No rain fell in 1853, 1861 and in 1867.

There are equal chances that the fall will be more or less than 1·47in.

There are four chances to one that the fall will not exceed 3·09 and that it will not be below 0·48in.

The greatest falls in December were in 1843, 13·98in., in 1877, 11·23in., and in 1847, 10·36in.

The least falls were in 1840, 0·004in., and in 1868, 0·018in.

The average number of days in which rain fell in December was 5·5d.

The average daily fall of rain on the days during which it rained in December was 0·44in.

The mean difference for December is 1·82in.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

JANUARY.

Tu. 1	CIRCUMCISION.—Proclamation of Her Majesty the Queen's assumption of the Title of Empress of India, 1877.
Th. 3	Natives admitted to the Covenanted Civil Service, 1880.
F. 4	The "Imperial Order of the Crown of India" Instituted, 1878.
SUN. 6	EPIPHANY.
W. 9	Prince Edward of Wales born, 1865.—Napolean III died, 1873.—Victor Immanual 1st king of Italy, died, 1878.
Th. 10	Penny Postage, Great Britain, 1840.
S. 12	The Zulu war, 1879.
SUN.13	1 SUNDAY AFTER EPIPHANY.
M. 14	Madras University opened, 1853.
Th. 17	Franklin born, 1706.
S. 19	H. H. the Maha Rajah left Trevandrum on a tour to Madras.
SUN.20	2 SUNDAY AFTER EPIPHANY.—First English Parliament, 1265.
M. 21	Inauguration of the Wurkallay Junction Canal Works by His Highness the late Maha Rajah, 1870.
S. 26	His Highness the Maha Rajah left Trevandrum on a tour to Bombay, Benares, Calcutta and Northern India, 1882.
SUN.27	3 SUNDAY AFTER EPIPHANY.

FEBRUARY.

F. 1	Investiture of His Highness the late Maha Rajah of Travancore with the Insignia of Knight Grand Commander of the Most Exalted Order of the Star of India, 1867.
S. 2	Investiture of His Highness the Maha Rajah of Travancore with the Insignia of Knight Grand Commander of the Most Exalted Order of the Star of India 1883.—PURIFICATION OF B. V. MARY.
SUN. 3	4 SUNDAY AFTER EPIPHANY.
Tu. 5	"Victoria Cross" founded, 1856.
Th. 7	Charles Dickens born, 1812.—Pope Pius IX died, 1878.
F. 8	Indo-Eur. Telegraph viâ Persia and Turkey opened, 1866.
SUN.10	SEPTUAGESIMA SUNDAY.—Marriage of Queen Victoria, 1840.
W. 13	Madras Medical College established, 1835.
SUN.17	SEXAGESIMA SUNDAY.
Tu. 19	His Highness the Maha Rajah returned to Trevandrum from Madras 1883.
W. 20	Lord and Lady Napier and Suite arrived at Trevandrum, 1868. Election of Leo XIII, 1878.
S. 23	Source of the Nile discovered, 1863.
SUN.24	QUINQUAGESIMA OR SHROVE SUNDAY.
M. 25	SHROVE MONDAY.
Tu. 26	SHROVE TUESDAY.
W. 27	ASH WEDNESDAY.—General thanks giving throughout India on account of recovery of Prince of Wales.

MARCH.

SUN. 2	QUADRAGESIMA OR 1 SUNDAY IN LENT.—Sovereignty of Ceylon assumed by the English, 1815.
F. 7	Union of Scotland with England, 1707.
SUN. 9	2 SUNDAY IN LENT.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

MARCH.

M. 10	H. R. H. the Prince of Wales married, 1863.
Tu. 11	H. R. H. the Prince of Wales' departure from India, 1876.
W. 12	Alexander II Emperor of Russia assassinated, 1861.
Sun. 16	3 Sunday in Lent.—Duchess of Kent died, 1881.
Tu. 18	Princess Louisa Caroline Alberta born, 1840.
W 19	First Eclipse of Moon on record, B. C. 270.
Th. 20	Opening of the New College and laying down of the first stone of the Napier Museum in the Public Gardens by His Highness the late Maha Rajah, 1873.
F. 21	His Highness the Maha Rajah returned to Trevandrum from His Highness' Tour to Northern India, 1882.
Sun. 23	4 Sunday in Lent.
Tu. 25	His Highness Chamrajendra Wodiya Bahadur Installed as Maha Rajah of Mysore, 1881.
F. 28	Alleppey Light House first lighted, 1862.
S. 29	Annexation of the Punjab, 1849.
Sun. 30	5 Sunday in Lent.

APRIL.

Th. 3	First Electric Telegraph in India opened, 1851.
Sun. 6	6 Sunday in Lent or Palm Sunday.
Mon. 7	Prince Leopold born 1853.
Tu. 8	Ganges Canal opened, 1854.
Th. 10	Maundy Thursday.
F. 11	Good Friday.
S. 12	Holy Saturday.
Sun. 13	Easter Sunday.—Princess Beatrice born, 1857.
M. 14	Easter Monday.
Tu. 15	Easter Tuesday.
W. 16	First Railway in India opened between Bombay and Tannah, 1853.
Sun. 20	Sunday after Easter.—The Earl of Beaconsfield died 1881.
Sun. 27	2 Sunday after Easter

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MAY.

Th. 1	Prince Arthur born, 1850.
F. 2	Order of British India instituted, 1837.—Lord Ripon appointed Viceroy of India 1880.
Sun. 4	3 Sunday after Easter.
M. 5	Bonaporte died at St. Helena, 1821.
F. 9	Her Highness the Ranee of Travancore died, 1853.
Sun. 11	4 Sunday after Easter.—Prince of Wales reached England from India, 1876.
W. 14	Dr. Jenner successfully vaccinated a boy, 1786.
Th. 15	Indian Native troops despatched to Malta, 1878.
S. 17	First Telegraph message between Bombay and Calcutta, 1854.
Sun. 18	5 Sunday after Easter or Rogation Sunday.—Census of Travancore taken, 1875.
Th. 22	Holy Thursday or Ascension day.
S. 24	Her Majesty Queen Victoria born, 1819.—The Right Honorable W. P. Adam, Governor of Madras died, 1881.
Sun. 25	Sunday after Ascension.—Princess Helena born, 1846.
Tu. 27	Habeas Corpus Act passed, 1796.
S. 31	His Highness Rama Vurmah Maha Rajah died, 1880.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

JUNE.

SUN. 1	PENTECOST OR WHIT-SUNDAY.—First Turf of Central India Railway turned, 1856.—Prince Imperial killed in Zululand, [1879.
Tu. 3	Prince George Frederick of Wales born, 1865.
W. 4	The Berlin Treaty, 1878.
F. 6	Calcutta partially lighted with gas, 1843.
SUN. 8	TRINITY SUNDAY.
M. 9	First Turf of Madras Railway cut, 1853.
Th. 12	CORPUS CHRISTI.
SUN. 15	1 SUNDAY AFTER TRINITY.
Tu. 17	His Highness Rama Vurmah the present Maha Rajah Ascended the Musnud, 1880—Investiture of Her Highness the Senior Ranee of Travancore with the Insignia of the Imperial Order of the Crown of India, 1881.
W. 18	Battle of Waterloo, 1815.
F. 20	Accession of Queen Victoria, 1837.
S. 21	Proclamation of Queen Victoria, 1837.
SUN. 22	2 SUNDAY AFTER TRINITY.
S. 28	Cornation of Queen Victoria, 1838.
SUN. 29	3 SUNDAY AFTER TRINITY.
M. 30	Opening of 1st Railway in China from Shanghai, 1875.

JULY.

Tu. 1	Bank of Madras opened, 1843.
W. 2	VISITATION OF B. V. MARY.
F. 4	United States' declaration of Independence, 1776.
SUN. 6	4 SUNDAY AFTER TRINITY.—Princess Victoria of Wales born, [1868.
Tu. 8	Natives of India admitted as Jurors, 1827.
W. 9	Madras Volunteer corps formed 1857.
SUN. 13	5 SUNDAY AFTER TRINITY.
Tu. 15	Madras Agri-Horticultural Society established 1835.
SUN. 20	6 SUNDAY AFTER TRINITY.—The unveiling of the Boundary Memorial Portrait of His Highness the Maha Rajah and His Minister the Hon. V. Ramiengar, at 8 A. M., 1883.
Tu. 22	Indian Income Tax Act passed, 1860.
F. 25	Natives of India first sat on the Petit Jury, 1828.
SUN. 27	7 SUNDAY AFTER TRINITY.
Tu. 29	First school for Native girls formed at Calcutta, 1849.—Terrible Earthquake in the Island of Ischia—Loss of 5,000 lives [and much property.

AUGUST.

SUN. 3	8 SUNDAY AFTER TRINITY.
W. 6	Prince Alfred Duke of Edinburgh born, 1844.
SUN. 10	9 SUNDAY AFTER TRINITY.
F. 15	ASSUMPTION OF B. V. MARY.
SUN. 17	10 SUNDAY AFTER TRINITY.
M. 18	H.H. Marthanda Vurmah Maha Rajah of Travancore died, 1860. —The Viceroy's Proclamation of the assumption of Her Majesty of the Title of Empress of India, 1876.
S. 23	Government Central Museum instituted, 1851—New Public Offices, Trevandrum, opened 1869.
SUN. 24	11 SUNDAY AFTER TRINITY.
M. 25	High Court at Madras opened, 1862.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

AUGUST.

Tu. 26	A Great Volcanic eruption in Java causing an influx of the sea at Anjer and Serang—with loss of 30,000 lives and much property 1883.
W. 27	Peace with China, 1842
Th. 28	Slavery abolition Act passed, 1833.—Ceteywayo captured, 1879
SUN. 31	12 SUNDAY AFTER TRINITY.—His Highness Kerala Varma Rajah died 1882.

SEPTEMBER.

M. 1	Government of India transferred to the Crown, 1858.
Tu. 2	Battle of Sedan, 1870.—His Excellency the Right Honorable M. E. Grant Duff, Governor of Madras visited Trevandrum, 1882.
W. 3	Sir Louis Cavignari and other members of the British Embassy slaughtered in Cabul, 1879.
Th. 4	Two shocks of an Earthquake of Trevandrum and in South Travancore (1 A. M.,) 1867.
S. 6	Revolution in France and Republic proclaimed, 1870.
SUN. 7	13 SUNDAY AFTER TRINITY.
M. 8	NATIVITY OF B. V. MARY.
SUN. 14	14 SUNDAY AFTER TRINITY.—Holy Cross A. D., 335.
Tu. 16	Duke of Wellington died, 1852.
W. 17	Opening of Mont Cenis Tunnel 1871.
F. 19	Earthquake at Trevandrum, 1841.
SUN. 21	15 SUNDAY AFTER TRINITY.
M. 22	A large Comet first observed in Trevandrum which continued visible for months, 1882.
SUN. 28	16 SUNDAY AFTER TRINITY.
M. 29	MICHAELMAS-DAY.
Tu. 30	Foundation stone of His Highness the Maha Rajah's College, Trevandrum, laid, 1869.

OCTOBER.

W. 1	General Cullen died, 1862.—Presentation of a Banner to His Highness the late Maha Rajah from Her Majesty Queen Victoria, Empress of India, 1877.
SUN. 5	17 SUNDAY AFTER TRINITY.
M. 6	Her Highness the Ranee of Travancore, died 1877.
S. 11	His Royal Highness the Prince of Wales left England on his Indian Tour 1875.
SUN. 12	18 SUNDAY AFTER TRINITY.—America discovered, 1492.
Tu. 14	First appearance of Cholera at Madras 1818.
SUN. 19	19 SUNDAY AFTER TRINITY.
SUN. 26	20 SUNDAY AFTER TRINITY.
Th. 30	Termination of the Territorial disputes between Cochin and Travancore, 1882.

NOVEMBER.

S. 1	ALL SAINTS.
SUN. 2	21 SUNDAY AFTER TRINITY.—ALL SOULS.
M. 3	The H. R. H. Duke of Connaught left London for India 1883.
W. 5	His Grace the Duke of Buckingham and Chandos visited Trevandrum, 1880.
S. 8	His Royal Highness the Prince of Wales arrived at Bombay, 1875.

REMARKABLE EVENTS AND CHRISTIAN FESTIVALS.

NOVEMBER.

SUN. 9	22 SUNDAY AFTER TRINITY.—Albert Edward, Prince of Wales born, 1841.—First Public Durbar held in the New Durbar Hall, 1866.
S. 15	Christ Church at Trevandrum consecrated, 1859.
SUN. 16	23 SUNDAY AFTER TRINITY.
M. 17	Opening of the Suez Canal 1869.
F. 21	Princes Royal, born, 1840.
SUN. 23	24 SUNDAY AFTER TRINITY.
SUN. 30	ADVENT SUNDAY.—Lord Harris visited Trevandrum 1058.

DECEMBER.

M. 1	Yacob Khan sent to India, 1879.
Th. 4	Abolition of Suttee, 1829.
S. 6	Madras Court of small Causes established, 1850.
SUN. 7	2 SUNDAY IN ADVENT.
M. 8	CONCEPTION OF B. V. MARY.—Foundation stone for the Public Offices at Trevandrum laid by His Highness the late Maha Rajah, 1865.
W. 10	King of Prussia accepted the Title of Emperor of Germany, 1870.
S. 13	Foundation stone of Christ Church at Trevandrum laid, 1858.
SUN. 14	3 SUNDAY IN ADVENT.—Albert Prince Consort died, 1861—Princes Alice died, 1878.
W. 17	Karamanay Bridge opened, 1853.
SUN. 21	4 SUNDAY IN ADVENT.
W. 24	Peace between England and the United States, 1814.
Th. 25	CHRISTMAS-DAY.
S. 27	ST. JOHN THE EVANGELIST.
SUN. 28	1 SUNDAY AFTER CHRISTMAS.—INNOCENTS-DAY.
W. 31	The first Charter granted to the late East Indian Company, 1600.

METEOROLOGICAL TABLES, *containing the mean results of Observations for the Atmospheric Pressure, Temperatures of the Air and Evaporation, Relative Humidity, Clouds, &c., from Observations made at the Trevandrum Observatory between the years* 1853 *and* 1864, *under the direction of* John Allan Broun, Esq., F. R. S.

TABLE I. *Atmospheric Pressure.* Height of the Bar. Cistern* 197 *feet above the level of the sea. Mercury at* 32°. *Brass at* 62° *Fah.*

Months.	Mean Pressure.	Mean of the Highest Daily Means.	Mean of the Lowest Daily Means.	Range.	Mean of the Highest Hourly Means.	Mean of the Lowest Hourly Means.	Range.	Mean of the Highest Observation.	Mean of the Lowest Observation.	Range.
	Inch.	Inch.	Inch.	Inch	Inch.	Inch.	Inch	Inch.	Inch.	Inch.
January ..	29·730	29·801	29·657	·144	29·788	29·666	·122	29·870	29·585	·285
February ..	·719	·781	·661	·120	·784	·649	·135	·848	·584	·264
March ..	·688	·753	·604	·149	·748	·622	·126	·815	·529	·286
April ..	·648	·716	·570	·146	·703	·583	·120	·779	·497	·282
May ..	·637	·705	·569	·136	·683	·581	·102	·763	·502	·261
June ..	·638	·704	·569	·135	·678	·589	·089	·754	·518	·236
July ..	·649	·708	·593	·115	·685	·599	·086	·753	·535	·218
August ..	·663	·718	·609	·109	·708	·605	·103	·767	·543	·224
September	·681	·736	·624	·112	·731	·618	·113	·796	·554	·242
October ..	·688	·765	·608	·157	·741	·627	·114	·827	·544	·283
November	·703	·757	·631	·126	·757	·643	·114	·817	·562	·255
December	·724	·778	·655	·123	·780	·662	·118	·842	·593	·249
Means ..	29·681	·743	·612	·131	·732	·620	·112	·802	·545	·257

* From 8 years' observations.

TABLE II.—*Temperature of the Air.**

Months.	Monthly Mean Temperature.	Mean of the Highest Daily Means.	Mean of the Lowest Daily Means.	Range.	Mean of the Highest Hourly Means.	Mean of the Lowest Hourly Means.	Range.	Mean of the Highest Observation.	Mean of the Lowest Observation.	Range.
	°	°	°	°	°	°	°	°	°	°
January ..	76·44	79·25	73·90	5·35	83·88	69·37	14·51	86·60	64·86	21·74
February..	77·89	80·49	75·12	5·37	85·32	70·60	14·72	88·52	66·18	22·34
March ..	80·33	82·31	77·64	4·67	87·15	73·66	13·49	89·95	70·30	19·65
April ..	80·95	83·17	77·28	5·89	87·14	75·78	11·36	91·23	72·60	18·63
May ..	80·19	82·57	76·95	5·62	85·32	75·85	9·47	90·04	72·85	17·19
June ..	77·67	80·19	74·34	5·85	82·19	74·03	8·16	86·25	71·35	14·90
July ..	76·66	78·66	73·35	5·31	81·02	73·09	7·93	84·45	70·42	14·03
August ..	76·66	78·42	73·85	4·57	81·37	72·93	8·44	84·75	70·88	13·87
September	77·02	78·35	74·98	3·37	81·04	72·92	8·12	85·35	70·46	14·89
October ..	76·90	78·77	74·22	4·55	82·14	72·67	9·47	85·55	70·56	14·99
November	76·88	78·69	74·41	4·28	82·66	71·84	10·82	85·69	68·85	16·84
December	76·15	78·60	73·41	5·19	82·87	69·93	12·94	85·91	65·42	20·49
Means ..	77·81	79·96	74·96	5·00	83·51	72·72	10·78	87·02	69·56	17·46

* From 11 years' observations.

TABLE III.—*Temperature of Evaporation* as shown by the Wet Bulb Thermometer.*

Months.	Monthly Mean Temp. of Wet Bulb.	Mean of the Daily Means. Highest	Mean of the Daily Means. Lowest	Range.	Mean of the Hourly Means. Highest	Mean of the Hourly Means. Lowest	Range.	Mean of the Observation. Highest	Mean of the Observation. Lowest	Range.
	°	°	°	°	°	°	°	°	°	°
January ..	70·34	73·99	66·24	7·75	73·09	66·53	6·56	76·87	60·74	16·13
February..	71·33	74·84	66·88	7·96	73·84	67·77	6·07	77·39	60·81	16·58
March ..	74·39	76·22	71·37	4·85	76·40	72·02	4·38	79·18	67·21	11·97
April ..	75·83	77·69	73·60	4·09	77·79	73·88	3·91	79·96	70·88	9·08
May ..	76·04	77·92	73·84	4·08	77·61	74·34	3·27	80·15	71·09	9·06
June ..	74·44	76·38	72·26	4·12	76·00	72·83	3·17	78·84	69·74	9·10
July ..	73·69	75·47	71·66	3·81	75·14	72·10	3·04	77·45	68·98	8·47
August ..	73·51	75·00	71·96	3·04	74·96	71·98	2·98	77·34	69·61	7·73
September	73·43	74·78	72·16	2·62	74·89	71·81	3·08	77·41	69·62	7·79
October ..	73·54	75·20	71·63	3·57	75·27	71·58	3·69	77·95	68·44	9·51
November	73·38	75·18	70·62	4·56	75·59	70·76	4·83	78·25	66·77	11·48
December	71·09	74·17	66·55	7·62	73·64	67·69	5·95	77·02	61·29	15·73
Means ..	73·42	75·57	70·73	4·84	75·35	71·11	4·24	78·15	67·10	11·05

* From 11 years' observations.

PEOPLE'S LIBRARY, NO. TIME DAYS TRIVANDRAM.

TABLE IV.—*Temperature of the Dew Point, Tension of Vapour, Humidity, Velocity, Force and Direction of Wind, Rain Fall, Evaporation of Sea Water and Sky clouded.*

Months.	Mean											
	Difference between Dry and Wet Thers.†	Temperature of Dew Point.†	Tension of Vapour.†	Relative Humidity. Saturation =1 †	Direction of Wind.*	Velocity of Wind per hour.§	Force of Wind per hour.§	Prop. of Sky clouded. Whole sky = 10·0*	Evaporation of sea water.‡	Fall of Rain from 43 years' observations, (1838—1880.)	No. of rainy days.	Fall in rainy days.
	°	°	Inch			Mile	℔		Inch	Inch	d	Inch
January....	6·10	67·5	·676	0·717	W.	4·40	0·10	2·80	8·32	0·702	2·2	0·31
February ..	6·56	68·3	·696	·727	W. b. S.	4·56	0·10	2·68	8·42	0·552	1·6	0·34
March	5·94	72·0	·787	·759	W. b. N.	5·02	0·13	3·60	9·64	1·646	4·0	0·41
April	5·12	73·9	·838	·792	W. b. N.	5·30	0·14	5·30	8·88	4·577	9·7	0·47
May	4·15	74·5	·855	·827	NW.bW.	6·12	0·19	7·02	8·12	9·976	14·6	0·68
June	3·23	73·2	·819	·861	NW.bW.	6·46	0·21	7·48	5·95	12·706	22·5	0·55
July	2·97	72·5	·800	·870	NW.½W.	7·04	0·25	7·12	6·30	7·002	20·0	0·35
August	3·15	72·2	·793	·863	NW.½W.	5·98	0·18	7·94	6·96	4·648	16·3	0·28
September..	3·59	72·0	·786	·845	NW.bW.	5·11	0·13	5·78	6·62	4·072	12·6	0·32
October	3·36	72·1	·791	·853	W. N. W.	5·21	0·14	7·00	6·52	10·125	16·0	0·63
November..	3·50	71·9	·785	·848	W. b. N.	3·48	0·06	5·88	5·56	6·252	13·0	0·48
December ..	5·06	68·8	·707	·782	W. N. W.	3·93	0·08	3·62	7·25	2·455	5·5	0·44
Means ..	4·39	70·2	·778	0·812	W.N.W.	5·22	0·14	5·52	..	...	...	0·47
Sums....	..	...	...	...	...	...	...	...	88·54	64·713	138·0	

* From 5 years' observations. † From 11 years' observations.
‡ From 6 years' observations. § From 3 years' observations.

TABLE V.—*The mean fall of rain for successive period of* 10 *years.*

	Inch.		Inch.
1838—47	68·382	1841—50	70·747
48—57	64·330	51—60	65·268
58—67	63·631	61—70	59·015
68—77	59·834	71—80	66·986
Mean of 40 years	64·044	Mean.	65·504

METEROLOGICAL TABLES, containing the mean results of Observations for the Atmospheric Pressure, Temperatures of the Air and Evaporation, Relative Humidity, Clouds, &c., deduced from observations made at the Trevandrum Observatory between the years 1865 *and* 1882 *and calculated for Malabar Months.*

TABLE I. Atmospheric Pressure.

Months.	Mean Pressure.	Mean of the Highest. Daily Means. *	Mean of the Lowest Daily Means. *	Range.
Auvany	29·663	29·717	29·633	·084
Puratasy	·675	·729	·647	·082
Alpasy...	·688	·732	·641	·091
Kartigay	·703	·753	·642	·111
Margaly	·711	·764	·644	·120
Thie	·720	·756	·646	·110
Mausy	·704	·764	·665	·099
Panguny	·669	·706	·615	·091
Chittray	·627	·662	·582	·080
Vycausy	·617	·677	·588	·089
Auny	·655	·712	·601	·111
Audy	·649	·713	·604	·109
Mean.........	29·673	29·724	29·626	·098

* Mean of 4 hours in the day time.

TABLE II. Temperature of the Air.

Months.	Monthly Mean. Temperature.	Mean of the Highest. Daily Means. *	Mean of the Lowest. Daily Means. *	Range.
Auvany	79·99	81·34	79·01	2·33
Puratasy	80·65	82·01	79·13	2·88
Alpasy	80·53	81·56	79·34	2·22
Kartigay	81·12	82 33	79·77	2·56
Margaly	81·14	82·60	80.37	2·23
Thie	81·82	83·84	80·56	3·28
Mausy	83·85	85·26	82·72	2·54
Panguny ... ... —	85·92	88·27	83·40	4·87
Chittray	85·45	86.97	84·21	2·76
Vycausy	82·75	85·21	80·19	5·12
Auny	79·97	81·10	78·67	2·43
Audy	79·41	81.05	77·18	3·87
Mean.........	81·88	83·46	80·37	3·09

* Mean of 5 hours.

TABLE III. Temperature of Evaporation, as shown by the Wet Bulb Thermometer.

Months.	Monthly Mean Temperature of Wet Bulb.	Mean of the Highest. Daily Means. *	Mean of the Lowest. Daily Means. *	Range.
Auvany	74·54	75·79	73·83	1·96
Puratasy	74·65	75·96	73·59	2·37
Alpasy	75·17	76·27	74·03	2·24
Kartigay	74·59	76·15	73·30	2·85
Margaly	72·54	75·19	71·08	4·11
Thie	72·54	75·44	70·21	5·23
Mausy...	74·13	75·66	73·05	2·61
Panguny	76·76	77·84	75·52	2·32
Chittray	77·57	78·92	76·32	2·60
Vycausy	76·62	77·81	75·32	2·49
Auny	75·06	76·47	74·18	2·29
Audy	74·48	75·72	73·72	2·00
Mean..........	74·89	76·43	73·68	2·76

* Mean of 5 years.

TABLE IV. Temperature of the Dew Point, Tension of Vapour, Humidity, Direction of Wind and Sky clouded.

Months.	MEAN. Difference between Dry and Wet Thers.	MEAN. Temperature of Dew Point.	MEAN. Tension of Vapour.	MEAN. Relative humidity. Saturation = 1.	MEAN. Direction of Wind.	MEAN. Proportion of sky clouded. Whole sky = 10·0.
Auvany	5·45	70·92	·756	·739	W ½ N	7·2
Puratasy	6·00	70·57	·748	·716	W by N	6·5
Alpasy	5·36	71·46	·772	·742	W S W ½ W	7·2
Kartigay	6·53	70·20	·738	·696	W S W ½ S	5·9
Margaly	8·60	66·69	·655	·618	W S W ½ S	4·0
Thie	9·28	66·29	·646	·595	S W by W	3·3
Mausy	9·72	67·75	·677	·585	S W by W	3·3
Panguny	9·16	70·74	·751	·607	S W by W	4·3
Chittray	7·88	72·42	·796	·654	W ½ S	5·0
Vycausy	6·13	72·56	·801	·717	W ½ N	7·4
Auny	4·91	71·74	·777	·760	W by N	8·2
Audy	4·93	71·13	·762	·760	W	8·0
Mean.........	7·00	70·21	·740	·682	W by S	5·9

TABLE V. *Mean fall Rain.*

STATIONS.	Auvany.	Puratasy.	Alpasy.	Kartigay.	Margaly.	Thie.	Mausy.	Panguny.	Chittray.	Vycausy.	Auny.	Audy.	Years.
Trevandrum * ...	5·018	5·001	9·198	4·615	1·242	0·670	0·557	1·850	4·242	13·336	9·327	7·007	62·063
Quilon †	8·217	9·228	9·194	3·789	0·864	0·100	0·806	2·789	4·467	19·155	17·433	13·269	89·311
Alleppey †	11·806	10·553	12·370	6·022	1·489	0·772	2·428	3·294	4·617	26·717	23·094	18·872	122·034
Peermade†	24·877	15·762	16·439	2·794	0·328	0·150	0·600	3·311	4·772	32·350	56·578	50·034	207·995
Pulpanabapuram† ...	3·175	4·641	11·626	6·025	1·328	0·128	0·872	2·838	2·935	9·017	6·253	6·012	54·850
Rajakamongalom‡ ...	0·550	0·433	3·888	4·105	0·767	0·008	0·100	0·838	1·263	3·468	4·817	4·937	25·174

* Mean of 17 Years.
† " 9 "
‡ " 3 "

TABLE VI. *Mean rainy Days.*

STATIONS.	Auvany.	Puratasy.	Alpasy.	Kartigay.	Margaly.	Thie.	Mansy.	Panguny.	Chittray.	Vycausy.	Auny.	Andy.	Years.
Trevandrum	15	13	18	10	3	2	2	5	10	18	21	21	138
Quilon	17	13	14	6	2	0	1	5	7	19	23	20	127
Alleppey	19	15	16	9	2	2	3	6	8	21	27	26	154
Peermade	26	21	19	5	1	0	2	7	9	21	30	29	170
Pulpanabapuram ...	6	7	13	6	1	0	1	4	4	10	11	10	73
Rajakamongalom ...	5	2	11	7	1	0	1	2	3	9	11	11	63

TABLE VII. *The Total rain fall and the number of rainy days during the Monsoon Periods.*

STATIONS.	North-east.		South-west.		Dry months.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.
Trevandrum	22·236	52	31·237	64	8·590	22
Quilon	28·905	48	52·209	64	8·197	15
Alleppey	37·966	55	70·651	77	13·417	22
Peermade	58·611	70	141·178	85	8·206	15
Pulpanabapuram ...	22·767	29	22·149	32	9·934	12
Rajakamongalom ...	8·323	23	14·305	33	2·546	7

His Highness

SRÍ PATMANÁBHA

DÁSA VANCHI BÁLA

RÁMA VARMÁ

Kulasekhara Kiritapati

MANNEY SULTÁN

MAHÁRÁJA RÁJA

Rámarája Bahadur

SHAMSHER JANG,

KNIGHT GRAND COMMANDER

OF THE

MOST EXALTED ORDER

OF THE

STAR OF INDIA.

F. M. U.,

Officier de l'Instruction Publique

Maharaja of Travancore.

Born 19th May, 1837;

ASCENDED THE MUSNUD 17TH JUNE 18[illegible].

Royal Family of Travancore.

BROTHER OF THE MAHARAJA.

His Highness
RAVI VARMA RAJA,
[BORN 27TH OCTOBER, 1835.]

NEPHEW OF THE MAHARAJA.

His Highness
RAMA VARMA,
Elaya Raja.
[BORN 25TH SEPTEMBER, 1857.]

NIECES OF THE MAHARAJA.

Her Highness LAKSHMÍ BÁYI,
Member of the Crown of India.
Senior Ranee of Travancore.
[BORN 23RD JULY, 1848.]

Her Highness PÁRVATÍ BHÁYI,
Junior Ranee of Travancore.
[BORN 24TH SEPTEMBER, 1850.]

GRAND NEPHEWS OF THE MAHARAJA.

His Highness KERALA VARMA,
First Prince of Travancore.
Son of Her Highness the Junior Ranee.
[BORN 20TH AUGUST, 1864.]

His Highness RAMA VARMA,
Second Prince of Travancore.
Son of Her Highness the Junior Ranee.
[BORN 3RD DECEMBER, 1867.]

His Highness MARTANDA VARMA,

Third Prince of Travancore,

Son of Her Highness the Junior Ranee.

[BORN 24TH NOVEMBER, 1871.]

NEPHEWS-IN-LAW OF THE MAHARAJA.

KERALA VARMA,

F. M. U.,

Valiya Koil Tampuran,

[Married to Her Highness the Senior Ranee.]

RAJA RAJA VARMA,

Cochoo Koil Tampuran.

...LE'S LIB...
NO.
TRIVAN...

PHYSICIAN TO HIS HIGHNESS THE MAHA RAJA.

Surgeon Major J. M. Houston, (Madras Med. Est.)

GUARDIAN TO THE PRINCES.

Harold S. Ferguson.

OFFICERS OF HIS HIGHNESS THE MAHARAJA'S PALACE.

M. C. Neelacunda Pillai... ...	...Survadhikaryakar.
Narayanan Tampi	...Chellum Karyakar.
V. I. Kesava Pillai, M. A. ...	...Samprati
Seshaiyan	...Nityachilavu Karyakar.
N. Runga Rau, B. A.	...Tutor to the Princes.
Syed Latif Khan	...Persian Munshi.
Krishna Pillai	...Bhajanapura Karyakar.
Harihara Aiyan	...Srípadam Karyakar.
———	...Vatakke Kottaram Karyakar.
Martanda Pillai	...Karyakar of His Highness the First Prince's Palace.
Babu Gajadhar Sukil	...Stables Karbhari.

BRITISH RESIDENCY OF TRAVANCORE AND COCHIN.

British Resident.

J. C. Hannyngton Esquire, M. C. S....Resident *(on leave.)*
W. Logan Esquire, ... Do. Ag. Do.
J. W. F. Dumergue Esquire, M. C. S....Asst. Resident *(on other duty.)*
Captain A. Howlett, M. S. C. ...Ag. Asst. Resident.

Treasury.

T. Swyny ... ...In charge.
Padmanabha Mudaliar ... ...Residency Treasurer.

Escort.

Captain A. Howlett, M. S. C. ... ...Commanding.

Medical Establishment.

Surgeon H. Plunket Esmonde White...Residency Surgeon.
Mahdavan Nayar ... ...3rd Class Hospital Assistant.

Office.

T. Swyny ... ...Manager.
A. LaRive... ... ...Senior Clerk.
E. D'Lemos ... ...Accountant.

BRITISH SUBSIDIARY FORCE FOR TRAVANCORE.

Station—Quilon.

6th Native Infantry.

Lt. Colonel F. B. Boone... ... ...Commandant.
Revd. C. H. L. Wright, B. A. ... ...Acting Chaplain.

GOVERNMENT OF TRAVANCORE.

HUZUR CUTCHERRY.

V. RAMIENGAR, C. S. I.
Dewan of Travancore.

N. Suba Row... ... ...Assistant to the Dewan.
T. Vencata Chariar ... ...Assistant to the Dewan, Settlement Department.
M. Ratnaswami Aiyar, B. A. ...Personal Assistant to the Dewan.

JUDICIAL, &c. DEPARTMENTS.

F. Watts ... ...Secretary.
S. Rajangam Aiyar, B. A. ... ...Manager.

JAMABUNDY DEPARTMENT.

Tharavium Pillay ... ...Valia Melalutu Pillay.
P. S. Moothookarroopa Pillay ...Melalutu Pillay.
P. K. Pulpanaba Pillay ... ...Assistant Melalutu Pillay.
Subramonia Pillay ... ...Sumprethy.
Nallamuthu Pillay ... ... Do.

MARAHMUT DEPARTMENT.

K. Kuruvella, B. C. E. ... ...Secretary.

PERAVAGAY DEPARTMENT.

P. Soondrum Pillay, M. A. ... ...Sheristadar.

SIRKAR VAKIL DEPARTMENT.

S. Padmanabha Aiyar, M. A. ...Head Sirkar Vakil (*on other duty*)
I. H. Prince ... ...Acting Do. Do.

REGISTRATION DEPARTMENT.

L. Soobramony Aiyar ... ...Huzur Registrar.
Veeraragava Aiyangar ... ...Deputy Do.

TREASURY.

Ninadath Govinda Kymal ... ...Treasurer.

DAVASOM DEPARTMENT.

Sreenevasa Row ... ...Acting Sheristadar.

UNJEL OR SIRKAR POST.

S. Theraviem Pillay... ... ...Superintendent.

ELEPHANT DEPARTMENT.

Sreenevasa Row ... ...In charge.

MINT.

T. V. Sooba Row ... ...Superintendent.

DIVISION CUTCHERRIES.

Officers in Charge.	Divisions.
Dewan Peishcar T. Rama Row ...	...Cottayam or Northern
Asst. to Do. P. Mathaven Pillay ...	Do. do.
Dewan Do. C. Patcheappa Naicker ...	Quilon Division.
Asst. to Do. P. Thanu Pillay M. A. ...	Do. do.
Dewan Do. V. Nagam Aiya B. A., ...	Trevandrum Division.
A Govinda Pillay B. A. & B. L. Paroor Zillah Judge...	In charge Padmanabhapuram Division.

Revenue Settlement Department.

Dewan Peishcar... ... ...S. Shungra Soobier.
Deputy Peishcar ... ...Sooria Narayana Iyen.

JUDICIAL DEPARTMENT.

HIGH COURT OF TRAVANCORE.

A. Ramachandra Iyer B. L.,...Chief Justice.

W. E. Ormsby M. A. LL. D., Barrister-at-Law ...
K. Kunjan Menon ... ...
T. R. Narayana Pillai ... ...
T. Kunhi Raman Nair ... ...
} Puisne Judges.

Ramaswami Sastrikal ... ...Pundit.
C. S. Maragathavelu Mudaliar ... ...Registrar.
——— ... ...Manager.
T. Harihara Subbayyan ... ...Sheristadar.
S. Padmanabha Iyer M. A.... ...Head Sircar Vakil (Acting for the 1st Judge of the Alleppey Zillah Court.)
I. H. Prince... ... ...Acting Do.

Licenced Pleaders in the High Court, who have authority to plead in the Zilla and Munsiff Courts.

* William Sydenham Gantz, Barrister-at-Law
* Alfred G. Gover, Do.
† Jegannatha Row
Govinda Row
P. Govindan Nambutiri
* Viraraghava Ayyankar
Venkattarama Ayyankar
‡ Sesha Ayyankar
G. Krishna Ayyar
Nampi Ayyankar
Muttukumarasvami Pillai
‡ Sthanu Sastri
V. Arathan Pillai
‡ Krishnachari
‡ J. G. Vernede
‡ Sundara Sastri
‡ Anna Sastri
R. Ramanatha Row
‡ Gopala Sastri
‡ H. M. Walker
‡ V. Ramasvami Sastri
‡ Aravamutu Ayyankar Sastri
Ramasubba Sastri
Renga Ayyankar Sastri
* Sivasami Sastri
Sivarama Krishna Ayyan
N. S. Subramannyya Ayyan
I. H. Prince
* G. Vansomoren, Barrister-at-Law
Krishna Ayyan
* S. Locke, Barrister-at-Law
‡ Krishnan Kunjan
R. Velu Pillai
‡ Kunju Pillai
‡ T. R. Achutan Pillai
‡ Narayanan Kunjan
‡ Narayana Kaimal
Gopala Menon
G. Rama Row
M. Swaminatha Pillai
* R. K. Venkasvami Row
* C. Luke
‡ C. N. Keshava Pillai

Subbramannyya Ayyan	S. Muttusvami Ayyan
‡ P. J. Ponnen	* Kuruvila Tomman
Viranampi Ayyankar Sastri	‡ G. Lakshmana Row
‡ S. Muttukrishna Pillai	‡ Sri Bhakthavalsalachariar
* S. Tirumalachariar, B. A. & B. L.	‡ K. G. Kochukunju Menon
E. Rama Ayyan	‡ Govindan Narayanan
S. Krishna Ayyan	‡ V. Narasinka Ayyan
Kunchu Variar	* K. Appatura Ayyan, B. A.
* Padmanabha Pillai	* G. Venketa SubramaniAyyar
* Subbayya Pillai	‡ G. Govinda Pillai
* V. Narasimha Row	‡ Sambasiva Ayyan Subramani Ayyan
* E. A. Godfrey	‡ N. Subramania Ayyan
* Robert Wilson, Barrister-at-Law	‡ S. Sivarama Ayyan
‡ S. Krishna Ayyan	‡ M. Ramasvami Sastrial
R. Nilakantha Ayyan, B. A.	‡ K. Ramasvami Sastrial
* P. S. Narasimha Ayyan, B. A. &B. L.	K. Atchuthan Pillai
* C. S. Ramalingam Ayyan, B.A. & B.L.	‡ K. N. Kesava Pillai
* Edward William Wilkins Attorney	Gopala Ayyankar
* Reginald Thomson Barrister-at-Law	Krishna Ayyankar
* William Morgan Attorney	‡ S. Dharmaraja Ayyan
* M. Mathew, B. A. & B. L.	* V. Mathan
V. Padmanabha Ayyan	V. Srinivasachariar
M. Venketasubbu Ayyan	‡ Samu Ayyan Svami Ayyan
B. Bagavati Ayyan	‡ M. Venketaramana Ayyan
S. Padmanabha Pillai	Vijayaragavachariar Sastrial
Venkatarama Ayyankar	* Patrick Dunlop Shaw, Barrister-at-[Law.
N. Madhava Ayyan	‡ H. Ramasubbayyan, B. A.
‡ C. N. Joseph	Francis Xavier Augustus.
‡ T. Krishna Ayyankar	* R. Raman Pillai.
V. Ramasvami Ayyan	K. C. Joseph, B. A.
M. Krishna Ayyan	* T. V. Krishna Row, B. A. & B. L.
‡ S. Muttu Ayyan	* M. K. Ramachandra Row B. A. & B. L.
S. Govinda Pillai	* M. Govinda Menon.
K. Vankatarama Ayyankar	* Joseph Eapen B, A. & B. L.
‡ S. Anantarama Sastrial	* C. E. LaNauze Barrister-at-Law.

* These are not practising in the Travancore Courts at present.

‡ These do not practise in the Courts in Trevandrum at present.

DISTRICT OR ZILLA COURTS.

Trevandrum.

R. Reghunatha Row B. A.	...1st Judge.
C. Singaravelu Mudaliar	...2nd Judge (*on leave.*)
Srinivasa Ayyankar	... Ag.
R. Nilakanta Ayyar B. A.	...Sirkar Vakil.

Licenced Pleaders.

S. Anantarama Ayyan	Anandakrishna Ayyan	V. Krishna Ayyan
Padmanabha Ayyan	Alakiru Ayyankar	P. V. S bbu Ayyan
Reghunatha Row	K. Padmanabha Pillai	K. Krishna Pillai
S. Kumara Pillai	A. Anandarama Ayyan	Venketasura Ayyan
S. Padmanabha Pillai	Nilakanthan Tanuvan	P. Sivarama Ayyan
Venkatachalam Ayyan	V. Lakshmana Sastrial	Nilakanthan Paramisvaran
Raman Pillai	Sesha Ayyan Narayana Ay-[yan	Ayyam Pillai
A. Padmanabha Ayyan	R. Venkatasura Ayyan	P. Virupaksha Ayyan
R. Padmanabha Pillai	J. Lakshmana Ayyan	Raman Pillai
Narasimha Ayyan	N. SankaraNarayanaAyyan	Madhavan Pillai
Sankaranarayana Ayyan	Krishna Ayyankar Sastrial	S. Venkedachallam Ayyan
A. Govinda Pillai	A. Kumara Pillai	Ramakrishna Ayyan

L. Gopala Ayyan
J. Rengachariar
G. Raman Menon
Verabahu Pillai
T. Arathan Pillai

S. Venkata Row
P. Subu Ayyan
M. Madhaven Tambi
K. Sidarama Ayyan
Narayanan Paramisvaran

P. K. Krishna Pillai
N. Venkedaswra Ayyan
Harihara Ayyan
Padmanabha Ayyan
Gopala Ayyan.

NAGERCOIL.

G. S. Arianayagam Pillai B. A. & B. L. ...1st Judge.
T. F. Lloyd ... ...2nd Judge (Ag. for 2nd Judge [Quilon.)
H. Ramasubbayyan B. A. ... ...Sirkar Vakil.

Licenced Pleaders.

V. Krishna Ayyan
Udayamutu Ayyan
T. Nilakantha Pillai
Devaraja Ayyan
Ramasubramanyya Ayyan
R. Krishna Ayyan
Tanu Ayyan
N. Padmanaba Ayyan
S. Narayana Pillai
A.runachalam Ayyan
Shankarasubramannya Ayyan
Senapadi Ayyan
Venkatakrishna Ayyan

Sabapati Pillai
Samu Ayyan
S. Subramani Ayyan
N. Sesha Ayyan
Tanu Ayyan
K. Subramania Ayyan
Buthalingam Ayyan
Sattanatha Ayyan
Pugalumperumal Pillai
Srinivasa Ayyankar
M. Subramania Ayyan
N. Sankaralingam Pillai
Regupati Ayyan
K. Kumara Pillai

R. Sankarasubbu Ayyan
Tanusubbu Ayyan
Kesava Pillai
Anandanarayana Sastrial
Alvar Ayy nkar
Andi Sastrial
Sankara Subbayyan
Padmanabha Ayyan
V. Venkedaswra Ayyan
Chithambara Sastrial

QUILON.

C. S. Gresseux ... ...1st Judge.
T. C. Krishna Menon B. A. & B. L. ...2nd Judge (*on special duty* [*at Alleppey.*)
M. Krishna Pillai B. A. ... ...Sirkar Vakil.

Licenced Pleaders.

R. Narayana Ayyan
Krishnan Pantala
Nilakantha Pillai
Minakshisubbayan
T. Krishna Sastri
S. Govindan Pantala
Ganapathi Ayyan
Sesha Ayyan
Nagoji Row
Gopala Sastrial
Subbayyan
Kesava Pillai of Trevan-drum

Andi Pillai
G. Kasava Pillai
Govinda Kaimal
Ittiradicha Kuruppu
Aramootha Chariar
R. Venketarama Ayyan
Sriniv sa Ayy nkar Sastri
N. Sahsranama Ayyan
Ramanatha Ayya
A. Subramania Sastri
Venkedasura Ayyan
S. Kalianarama Ayyan

Venketarama Ayyankar
Anandarama Ayyan
Paramisvara Ayyan
Narayana Pillai
K. Raman Pillai
Kanaku Narayanan
Karamisvaran Pillai
P. Narayana Ayyan
Paravar Kesava Pillai
Ramanarayana Ayyan
N. Venketarama yyan

ALLEPPEY.

W. T. A. Cosby ... ...1st Judge (*on Furlough to* [*Europe.*)
S. Padmanabha Ayyan M. A. ... ...Ag. 1st Judge.
M. Chokalingom Pillai B. A. ... ...Do. 2nd Judge.
Sundrum Ayyan ... ...Sirkar Vakil.

Licenced Pleaders.

A. SankaranarayanaAyyan
N. Gopala Pillai
K. Nanu Pillai
S. Janardanapilapalli
K.Sankaranarayana Ayyan
S. Ramasvami Ayyan
Viraraghava Ayyan

Krishna Varier
S. Svaminatha Sastri
S. Sundra Ayyan
J. Krishna Ayyan
Srinivasa Ayyankar
K. Narayana Menon
R. Padmanabha Ayyan

Sasha Ayyankar Kuppa Ayyankar
K. Krishna Ayyan
Nelakantha Pillai of Via-kam
Velu Pillai of Viakam
Coshy
S. Kochukunju Pillai

K. Velu Pillai	C. Nilakantha Pillai	Sankara Subbu Ayyan
P. Ayyakutti Ayyan	V. Venketarama Ayyan	M. R. Nilakanta Pillai
K. Ponnu Ayyan	R. Krishna Sastrial	N. Krishna Pillai
Palpu Ayyan	V. R. Ramasvami Ayyan	S. Kalapppa Menon
E. Naraa Menon	R. Krishna Ayyan	R. Kesava Pillai
A. R. Subramania Ayyan	N. Narayana Potti	Kuppayyan
A. Suriayaratayana Ayyan	Nlakanthan Chakkier	S. Ranu ayyan
C. Nilakantha Pillai	R. Arunachalam Ayyan.	K. Parunl Pillai
K. Kochukrishna Pillai	R. Sundram Ayyan	C. Subramania Pillai
S. Srinivasachariar	G. Padmanabha Pillai	K. Velu Kuruppu
Krishna Foduval	Krishna Menon	

PARAVUR.

V. Venketa Row ... ...Ag. Judge.
O. Marthanda Pillai ... ...Sirkar Vakil.

Licenced Pleaders.

Syed Badoodeen	Sami Ayyan	Kesava Pillai
Krishna Menon	Krishna Ayyan	Genapati Ayyan
Velu Pillai	Krishnan Namburi	Marthanda Pillai
Govinda Kuruppu	Sankaran Nambiar	Sundra Sastrial
Pichu Ayyan	Kumara Pillai	Enjha Ayyan
Govinda Pillai	Achuta Menon	T. R. Govinda illai
Annattura Sastri	Narayana Menon	
Rama Ayyan	Nilakantha Pillai	

MUNSIFF COURTS.

FIRST CLASS.

K. Krishna Pillai ... ...Sherayankil.
Sivasubramania Pillai ... ...Nagercoil.
Srinivasa Ayyankar... ... ...Trevanurum Addl. (*on other*
M. Hoogewerf ... ...Krishnapuram. *duty.*)
Subramonia Pillai ... ...Quilon (Ag.)

SECOND CLASS.

Vaidianatha Iyen ... ...Paravur.
Subba Dikshathar ... ...Trevandrum.
Subramania Sastri ... ...Vykom.
Harihara Ayyan ... ...Padmanabhapuram.
M. Varkki ... ...Cottayam.
J. D. Lemos ... ...Alleppey. (*temporary.*)

THIRD CLASS.

T. Mathai ... ...Shenkotta.
Ramalingom Ayyar B. A. & B. L. ... ...Neyattunkara.
N. Ramakrishna Pillai ... ...Tiruvella.
Ramachandra Row B. A. & B L. ... ...(On probation) Ambalapola.
Ponnambalam Pillai... ... ...(Ag.) Aripad.
M. Subramania Pillai B. A.... ... ...(Ag.) Kottarakara.
Narayanan Tampi ... ...(Ag.) Muvattupulai
Ananda Row B. A. ... ...(In temporary charge of the Trevandrum Addl. Munsiff's Court.)

COURT OF APPEAL FROM THE DECISIONS OF SPECIAL MAGISTRATES.

W. E. Ormsby, M. A. LL. D. ...Barrister-at-Law, Special Appellate Judge.

SPECIAL MAGISTRATES FOR THE TRIAL OF OFFENCES COMMITTED BY EUROPEAN BRITISH SUBJECTS.

Major W. D. Brodie Ketchen... ... ...Trevandrum.
J. Rohde... ... ...Alleppey.
C. J. Maltby ... ...Peermade.

MAGISTRATES OF THE 1ST CLASS.

T. Rama Row ...	...Northern Division.
P. Mathaven Pillay ...	... Do.
C. Patcheappa Naicker ...	...Quilon Division.
P. Thanu Pillay, M. A. ...	... Do.
V. Nagam Aiya, B. A. ...	...Trevandrum Divison.
A. Govinda Pillay B. A. and B. L.	...Padmanabhapuram Do.
J. Rohde	...Alleppey Town.
C. J. Maltby	...Cardamom Hills.
T. Rajarama Row, B. A. ...	...Salt Pans.

MAGISTRATES OF THE 2ND CLASS.

D. C. C. Grant	...Coffee Districts.
Neelacunda Iyen B. A. ...	...Trevandrum Town.
Lakshmana Iyen	...Trevandrum Taluq.
Pulpanaba Pillay ...	...Shereingiel.
Letchmana Iyen ...	...Neyattinkaray.
Pulpanaba Naidoo ...	...Thovallay.
C. Colunthavaloo Mudaliar, B. C. E.	...Irrigation Dept. Nanjenaud.
Huri Row	...Augusteeswaram.
Soobramanya Pillay ...	...Eraniel.
Peraviperoomal Pillay B. A....	...Quilon.
Ramaswamy Iyen ...	...Pathanapuram.
M. R. Krishna Row ...	...Shencottah.
Govinda Pillay	...Karunagapully.
Ramaswamy Iyen ...	...Kartigapully.
Mathaven Pillay ...	...Ambalapulay.
Mathaven Pillay.	...Shertallay.
Varatha Iyen	...Vycome.
Moothookrishna Naidoo ...	...Cottayam.
Sathiavageswara Iyen, B. A...	...Chunganacherry.
Narayana Pillay... ...	...Paravur.
Andy Iyen	...Yettumanoor.
Soobba Iyen	...Kunnathunad.
Paramashuren Pillay ...	...Tiruvellah.

MAGISTRATES OF THE 3RD CLASS.

Southern Division.

Valoo Pillay	...Culculom.
Pulpanabha Iyen ...	...Velavencode.
Pulpananaba Pillay ...	...Cottar.
Cochoo Ayyappen Pillay ...	...Colachel.
C. Kohlhoff	...Colachel (Master Attendant)
S. Narayana Row ...	...Aramboly.

Trevandrum Division.

C. Krishna Iyen	...Oolsavamadam.
Nanoo Sastrial	...Nedoovengaud.
Valoo Pillay	...Parachallay.

Quilon Division.

Rama Row	...Mavalikaray.
Runga Row	...Cunnathoor.
Chembaca Raman Pillay ...	...Chenganoor.
Ramen Pillay	...Cottaracurray.

Quilon Division.

Shangra Pillay...	...	...Paravoor.
Pulpanaba Pillay	...	...Puthanamthitta.
M. G. Mathen B. A.	...	...Colathoorpolay.
Anandaramen Pillay	...	...Kayencoolum.

Cottayam Division.

Narayana Pillay	...	...Meenachel.
Eravi Pillay ...	...	...Moovattupulay.
Kashava Pillay	...	...Thodupulay.
Govinda Pillay ...	...	...Alengaud.
Kashaven Thumby	...	...Edapully.
Kumara Pillay	...	...Aroocooty.
Kumaraswamy Pillay	...	...Kottayam.

Town of Alleppey.

Yagappa Pillay ...	...	...Alleppey.

TAHSILDARS.

Southern Division.

Pulpanabha Naidoo	...	...Acting Tahsildar Thovalay.
Hurri Row ...	...	... Do. Do. Augusteeswaram
Soobramonya Pillay	...	... Tahsildar Eraniel.
Valoo Pillay ...	...	...Acting Do. Culculam.
Pulpanabha Iyen	...	... Do. Do. Velavencode.

Trevandrum Division.

Lekshmana Iyen	...	Acting 1st Tahsildar, Trevandrum.
C. Krishna Iyen	...	... 2nd Tahsildar Do.
Pulpanaba Pillay	...	...Acting Tahsildar Shereingeil.
Nanoo Sastrial ...	...	... Do. Tahsildar Nedoovengad.

Quilon Division.

Peraviperumal Pillay B. A.	...	...Acting Tahsildar Quilon.
Ramen Pillay ...	...	... Do. Do. Cottaracurray.
Ramaswamy Iyen	...	... Do. Do. Puthanapuram.
Krishna Row ...	...	... Do. Do. Shencottah.
Paramashuren Pillay	...	... Do. Do. Tiruvellah.
Runga Row ...	...	... Tahsildar Cunnathoor.
Govinda Pillay ...	...	...Acting Do. Karunagapully.
Ramaswamy Iyen	...	... Do. Do. Kartigapully.
Mathaven Pillay	...	... Do. Do. Ambalapolay.
Rama Row ...	...	... Do. Do. Mavalikaray.
Chembaca Ramen Pillay	...	... Do. Do. Chenganoor.

Cottayam Division.

Mathaven Pillay	...	...Tahsildar Shertalay.
Varatha Iyen ...	...	... Do. Vycome.
Andi Iyen ...	...	... Do. Ettumanoor.
Moothookrishna Naidoo	...	... Do. Cottayam.
Sathiavagiswara Iyen B. A.	...	... Do. Chunganacherry.
Narayana Pillay...	...	... Do. Meenachel.
Eravi Pillay ...	...	... Do. Moovatupulay.
Kashava Pillay ...	...	... Do. Thodupulay.
Sooba Iyen ...	...	... Do. Kunnathunaud.
Govinda Pillay ...	...	... Do. Alengaud.
Narayana Pillay	...	... Do. Paravoor.

TRAVANCORE POLICE.

O. H. Bensley, B. A.
Superintendent of Police Travancore. (on Furlough to Europe)
J. Ramiah Naidu,
Acting Superintendent of Police Travancore.
R. B. Ferguson Ag. Asst. Superintendent of Police Cottayam Division.
M. Theruvikramen Thumby Ag. Asst. Superintendent of Police Quilon Division.

N. Paramoo Pillay.	Inspector	of Police.	Office Inspector.
S. Sankera Iyer.	Sub-	do.	Circuit Inspector.
S. Paramaswaren Pillay.	do.	do.	Audit Inspector.
P. Mathiew B. A.	Inspector	of Police.	School and prosecuting Inspector.
A. Samuel.	Sub-	do.	do. Assistent.
S. R. Swyny.	Inspector	do.	Reserve Inspector.
C. Matcher.	Sub-	do.	Treasury escort Inspector
Mullan Pillay.	do.	do.	Jail Inspector.
Anandanarayana Iyen.	Sub-	do.	Thovalay.
Chanda Meah Vully meah	Inspector	do.	Aramboly Frontier.
P. Runganatha Pillay.	do.	do.	Agusteeswaram.
Perumal Pillay.	Sub-	do.	Kottar Town.
Moothiah Pillay.	Inspector	do.	Eraniel.
S. Matheven Pillay.	Sub-	do.	Calculam.
K. Narayana Iyer B. A.	do.	do.	Vilavencode.
Eresha Menon.	do.	do.	Neyattinkara.
R. Krishna Row.	Inspector	do.	Trevandrum Town.
S. Wintle.	do.	do.	do.
R. Pudbhanabha Pillay.	Sub-	do.	do. Taluq.
B. Pudbhanabha Row.	do.	do.	Nedoovengaud.
M. Thair Ali.	Inspector	do.	Sheraingil.
Abdula Shaib Manuvary.	do.	do.	Quilon Taluq.
W. H. D. Lemos.	Sub-	do.	do. Town.
K. Ramaswamy Pillay.	Inspector	do.	Kottarakaray.
Beram Khan.	do.	do.	Pathanapuram.
Syed Abdul Cawder.	do.	do.	Shencottah.
Krishnen Thumby.	Sub-	do.	Cunathoor.
Pulphanabha Pillay.	do.	do.	Karunagapully.
S. V. Hurryhura Iyer.	Inspector	do.	Kartigapully.
P. Ramem Pillay.	do.	do.	Mavelikaray.
K. Veloo Pillay.	Sub-	do.	Chenganur.
T. R. Paramaswaren Py.	do.	do.	Tiruvellah.
S. Soobramony Pillay.	do.	do.	Alleppey Town.
R. Ramen Pillay.	do.	do.	Ambalapulay.
P. S. Ganapathy Pillay.	Inspector	do.	Pulleancunnoo Back-water Patrol Inspector.
G. Venkatasubramony Iyer.	do.	do.	Cottayam Taluq.
A. J. De'Veigas.	do.	do.	Chenganacherry.
Narayanan Oonnythan.	Sub-	do.	Menachel.
P. R. Krishna Iyer.	Inspector	do.	Yettumanur.
K. Narayana Row.	do.	do.	Moovatupulay.
C. Abraham.	Sub-	do.	Todupulay.
J. A. Stevenage.	do.	do.	Kunatturiaud.
M. Mahomed Hussin.	Inspector	do.	Shertalay.
Ramen Unny Perambara Nair.	do.	do.	Vycome.
E. Gallyot.	do.	do.	Alungaud.
Sivaramen Pillay.	Sub-	do.	Paravoor.
Henry Hoogewerf.	do.	do.	Trevandrum Reserve.

REGISTRATION OF ASSURANCES.

INSPECTORS.

Vytheanatha Iyen... ... ...Inspector of Trevandrum Range.
Krishna Pillay ... ...Inspector of Quilon Range.
Vittalapy ... ...Inspector of Shertallay Range.

DISTRICT REGISTRARS.

RANGE.	DISTRICTS.	CLASS.	NAMES OF REGISTRARS.
Trevandrum.	Thovalay	4	Pathmanaba Pillai.
	Agusteeswarem	1	Krishnaswamy Iyengar.
	Eraneel	2	Ramen Pillai.
	Do. Additional ...	2	Narayana Pillai.
	Calculom	2	Sivathanooven Thumby.
	Velavencode	3	Valoo Pillai.
	Neyattencurray	2	Coomara Pillai.
	Do. Additional ...	2	Soobramani Aiyen.
	Nedoovengaud	3	Sreenivasa Iyengar.
	Trevandrum	1	Narasinghum Pillai.
	Sherayenkeel	1	Soondraswara Aiyen.
Shertallay.	Quilon	2	Runganatha Row.
	Cottaracurray	4	Shungaranarayana Aiyen.
	Puthanapurom	4	Madaven Pillai.
	Shencottah...	3	Hurrihara Aiyen.
	Cunnathoor	4	Narayana Pillai.
	Carunagapully	1	Appa Aiyen.
	Cartigapully	1	Puthmanabha Pillai.
	Mavalicurray	2	Cochoonikurthavoo.
	Chenganoor	4	Neelacunda Aiyen.
	Thiruvellah	3	Coomara Pillai.
	Ambalapulay	1	Sasha Aiyen.
	Chenganacherry	3	Shungara Pillai.
Quilon.	Shertallay	2	Govinda Pillai.
	Vycome	3	Krishna Aiyen.
	Yettoomanoor	4	Shungoony Menon.
	Cottayam	4	Valoo Pillai.
	Meenachel...	4	Sreenivasa Aiyen.
	Thodupulay	4	Shungara Pillai.
	Moovattoopulay	4	Krishna Pillai.
	Cunnathnaud	4	Ejnanarayana Aiyen.
	Allungaud	4	Krishna Aiyen.
	Paravoor	4	Anantha Krishna Aiyen.

MEDICAL DEPARTMENT.

Surgeon Major J. M. Houston, M. D.,
Physician to His Highness the Maha Rajah of Travancore.
Assistant Surgeon S. Pulney Andy, M. D., F. L. S., (*Mad. Est.*)
Superintendent of Vaccination. (*on Furlough.*)

Commencement of Service.	Name.	Date of Present Rank.	Remarks.
	Assistant Surgeons.		
August 1859...	S. B. Sawyer ...	August 1883...	General & Maternity Hospitals.
February 1850...	T. Veerappa Pillay ...	Do.	Quilon.
	Sub-Assistant Surgeons.		
April 1867...	H. W. Martin ...	May 1873...	Alleppey.
November 1837...	T. Ramaswamy Pillay ...	Do. ...	H. H. the Eliah Rajah's Palace.
February 1850...	*S. Veerapa Pillay* ...	*September* 1876...	*Assistant Surgeon.*
August 1859...	*S. B. Sawyer* ...	*Do.*	*Do. Do.*
May 1861...	M. J. Carvalho ...	April 1882...	Acting Supt. of Vaccination.
June 1860...	T. Krishna Rajoo ...	August 1882...	Central Jail.
	Apothecaries.		
July 1849...	T. Swamynatha Pillay ...	December 1869...	Mavalicaray.
May 1858...	S. Krishna Pillay ...	May 1878...	Charity Hospital.
May 1861...	*M. J. Carvalho* ...	*May* 1881...	*Supernumerary Sub-Asst. Surgeon.*
Do. ...	F. Rozario ...	Do.	Nair Brigade.
	1st Class Assistant Apothecaries.		
June 1860...	E. Pulpoo Pillay ...	August 1875...	Pulpanabapoorum.
Do. ...	T. R. Appavoo Pillay ...	Do. ...	Nair Brigade.
May 1861...	K. Narayana Row ...	Do. ...	Cottaracaray.
Do. ...	X. Moothooswamy Pillay ...	Do. ...	Parachallay and Neyatuncaray.
August 1864...	J. S. Cross ...	August 1876...	Alwaye.
June 1864...	M. Neelacunda Pillay ...	July 1877...	Lunatic Asylum.
Do.	E. Valoo Pillay ...	Do. ...	Shertallay.
July 1865...	G. Arunasalam Pillay ...	Do. ...	Palace.
December 1865...	N. Govinda Pillay ...	December 1877...	Do.
August 1882...	John Gomez ...	August 1882...	Medical Store keeper.
	2nd Class Assistant Apothecaries.		
November 1873...	F. P. Fernandez ...	November 1879...	Nagercoil.
Do. ...	J. LaBouchardiere ...	Do. ...	Peermade.
Do. ...	Joseph L. Gomez ...	Do. ...	Cottayam.
Do. ...	M. Hamid Hussain Sahib...	June 1880...	Moovattupolay.
July 1874...	C. Theravium Pillay ...	September 1882...	Shencottah.
November 1873...	N. Sooboo Pillay ...	Do.	Medical Stores.
July 1877...	A. Moothooswamy Pillay ...	July 1883...	Alleppey.
	3rd Class Assistant Apothecaries.		
July 1872...	S. Thoppaya Pillay ...	July 1876...	Special duty, Neduvengad.
Do. ...	V. Narayana Pillay ...	July 1877...	Thodupolay.
October 1879...	J. Matthan ...	October 1880...	Central Jail.
Do. ...	S. E. DeLemos ...	Do.	Cardamom Hills.
Do. ...	K. Ramen ...	Do.	Ponmanay.
January 1880...	N. Neelacunda Pillay ...	January 1881...	General Hospital.
Do. ...	R. L. Vieyra ...	Do.	Charity Hospital.
Do. ...	K. Ibrahim Sahib ...	Do.	Quilon.
	Medical Students.		
	N. J. Daniel ...	....	Medical School, Trevandrum.
	C. J. Vieyra ...	....	
	M. Muthu Pillay ...	....	
	A. Krishnaswamy Pillay ...	....	
	V. Ramen Pillay ...	....	
	K. S. Valoo Pillay ...	....	
	R. Neelacunda Pillay ...	....	

Durbar Physician's Office.

T. A. Shunmoogum Pillay ... ...Correspondence Clerk.
C. S. Mathava Iyeu ... ...Asst. Do. Do.

General Medical Stores.

S. Letchmana Pillay ... ...Writer.

General and Maternity Hospitals, Trevandrum.

The Physician to His Highness the Maha Rajah,
Superintendent.

S. B. Sawyer ... ...Assistant Surgeon.
Mrs. M. Morrison ... ...(*Madras Midwifery Deploma*) Matron.

Charity Hospital, Trevandrum.

The Physician to His Highness the Maha Rajah,
Superintendent.

S. Krishna Pillay ... ...Apothecary.

Lunatic Asylum, Trevandrum.

The Physician to His Highness the Maha Rajah,
Superintendent.

M. Neelacunda Pillay ... ...Apothecary.

Vaccination.

S. Pulney Andy, M. D., F. L. S.,
Superintendent (*on Furlough.*)

M. J. Carvalho ... ...Acting Superintendent.
V. Davasagayam... ... ...Writer.
R. Gopala Pillay ... ...Head Vaccinator.

The Establishment consists of 35 Vaccinators divided into 4 classes. The Vaccination Department is under the orders of the Durbar Physician.

Travancore Medical School.

Ex-Officio Principal... ... ...The Durbar Physician.

Lecturers ... ... Surgeon J. Leonard, I. M. D.
S. Pulney Andy, M. D., F. L. S., (*on Furlough.*)
John Gomez, Madras Medl. College

Anatomy ... ...Practice of Medicine.
Physiology ... ...Midwifery.
Materia Medica ... ...Forensic Medicine.
Surgery ... ...Vaccination.
Clinical Medicine and Surgery ...Practical Pharmacy.

N. B. The course occupies four years two or three subjects are taught in a year.

TRAVANCORE GOVERNMENT ESTABLISHMENTS, INSTITUTIONS, OFFICERS, &c.

MILITARY.

NAIR BRIGADE.

Rank and Name.	Date of Appointment to Travancore Government.	Date of Commission in Her Majesty's Army.	To what Corps and Presidency belonging.	Rank and Appointment in the Travancore Service.
Major W. D. Brodie Ketchen	25th July 1879.	1st October 1877.	M. Lt. Cavalry	Commanding—Has Precedence of a Brigadier General in Travancore G. O. No. 342 dated 4th July 1881,
Lt. J. A. Wyllie	13th Nov. 1883.	20th Sept. 1876.	M. S. C.	Comt. 1st Batt. and Artillery—Has Precedence of a Major &c.
Captain M.E.H.O. Welch	4th Sept. 1882.	28th July 1882.	M. S. C.	Commandant 2nd Batt.—Has Precedence of a Major in Travancore G.O. No. 342 dated 4th July 1881.
STAFF.				
Captain M.E.H.O. Welch				Staff Officer.
Lt. J. A. Wyllie				Quarter Master.
Surgeon J. Leonard	21st Sept. 1882.	31st March 1880.	Indian Medl. Dept.	In Medical charge.
Kally Pillay	16th Nov. 1847.			Subadar Major, 1st Battalion.
Kristna Pillay	29th October 1839.			Do. Do. 2nd Battalion.
C. A. Matcher	13th Do. 1857.			Band Master.
J. Matcher	1st Do. 1878.			Asst. Band Master.

UNIFORM... BODY GUARD—Royal Blue, Facing White, LACE Gold.
ARTILLERY—Royal Blue, Facing Scarlet, Do.
INFANTRY SCARLET. 1st Battalion, Facing Olive Green, LACE Gold.
2nd Battalion, Facing Royal Blue, Do.

Establishment of a Battalion of Infantry—1 Subadar Major, 7 Subadars, 1 Jemadar Adjt., 7 Jemadars, 1 Regimental Havildar Major, 1 Drill Havildar, 39 Havildars, 1 Drill Naigue, 39 Naigues, 590 Privates, 1 Drummer, and Fife Major, 11 Drummers and 11 Fifers Total 710.

Establishment of the Artillery—1 Jemadar, 2 Havildars, 2 Naigues 25 Gunners, Total 30.

Establishment of the Body Guard—1 Subadar, 1 Jemadar, 1 Regimental Havildar Major, 1 Drill Havildar, 2 Havildars, 4 Naigues, 1 Farrier, 2 Trumpeters, 2 Rough Riders, 45 Privates, 2 Puckalies, 1 Nalbund, 1 Chowdry, 1 Peon, 25 Syces, 60 Grass-cutters, 1 Veterinarian, 1 English Writer, 2 Writers, 1 Mochee, 1 Chuckler, 1 Tanner, 1 Smith, 1 Bullock Driver, Total 159. 2 Elephants, 60 Horses, 2 Bullocks.

Attached to the Brigade.—1 Serjt. Major, 1 Quarter Master Serjt., 1 Band Master, 1 Assistant Band Master, 22 Musicians, 2 Apothecaries, 1 Interpreter, 4 English Writers, 21 Malayalum Writers, 1 Paymaster, 2 Accountants, 1 Store Superintendent, 1 Tailor, 5 Artificers, 2 Puckallies, 1 Chuckler, 6 Sweepers 7 Toties, 1 Masalchee.

Total Establishment—1,694 of all grades—4 guns, 63 Horses, 2 Elephants, 2 Bullocks.

COMMANDING OFFICERS OF THE NAIR BRIGADE.

9th Regt. M. N. I.	Captain A. McLeod		1815.	
H. M's 30th Regt	Captain O. W. Gray	1st July	1819.	
H. M's 1st Regt	Major H. Farquharson	21st April	1829.	
1st. Lt. Cavalry	Captain G. Faris	30th August	1830.	
4th Regt. N. I.	Captain R. N. Campbell	2nd December	1834.	
45th Regt. N. I	Lieut. (Bt. Captain) W. E. Lockhart	22nd June	1842.	
17th Regt. N. I.	Captain (Bt. Major) J. Gunning	11th January	1844.	
2nd Regt. N. I.	Captain (Bt. Major) R. Shirreff	17th December	1845.	
16th Regt. N. I.	Major S. A. Grant	22nd June	1850.	
2nd Regt. N. I.	Captain (Bt. Lt. Col.) R. N. Faunce	20th July	1855.	
M. S. C.	Major H. Drury	21st April	1862.	
M. S. C. (3rd Lt. Cavalry)	Major J. N. Maclean	10th May	1867.	
23rd Regt. N. I.	Captain (Bt. Major) S. W. Lennox	7th April 16th November	1869. 1870.	Acting.
M. S. C.	Major J. A. Ellis	17th June	1872.	
M. S. C.	Major A. F. F. Bloomfield	23rd April 6th June	1873. 1875.	Acting.
M. S. C.	Major St. G. Caulfeild	7th July	1875.	
M. S. C.	Major A. A. Davidson	1st May 25th February	1876. 1878.	Acting.
M. Lt. Cavalry	Major W. D. Brodie Ketchen	25th July	1879.	

PUBLIC WORKS DEPARTMENT.

A. H. Jacob, M. A., M. E. M. Inst. C. E.
Chief Engineer.

Permanent Executive Establishment.

S. Horsley, Assoc. M. I. C. E.	...1st Assistant Engineer.
D. W. T. Valentine ...	...2nd Assistant Engineer.
C. B. B. Sherman, Assoc. M. I. C. E.	3rd Assistant Engineer.
J. Whitbread	...Supervisor.
———————	... Do.
———————	... Do.
J. Sinclair	...Assistant Supervisor.
A. G. King	... Do. (Acting.)
———————	... Do.
P. ~~Devasagamony Pillay~~ ...	...Overseer.
T. I. Chinnaswamy Naidoo	... Do.
T. A. Wood...	... Do.
———————	... Do.
———————	... Do.
G. Runganatha Pillay ...	...1st Class Assistant Overseer.
T. M. Soobraya Pillay ...	... Do. Do.
N. Rungaswamy Pillay ...	... Do. Do.
S. Armooda Iyengar ...	... Do. Do.
K. C. Ninan	... Do. Do.
———————	... Do. Do.
V. Coopaswamy Iyen ...	...2nd Class Do.
M. Kashava Pillay... ...	... Do. Do.
N. Kashava Pillay... ...	... Do. Do.
C. R. Streenevasa Iyengar	... Do. Do.
W. H. McLean	... Do. Do.
Geo. Eapen	... Do. Do.
A. Gooroomoorthy Naidoo	...Sub-Overseer.
Annathoray Iyen	... Do.
Geo. Carvalho	... Do.
V. Soobramanya Iyen ...	... Do.
P. J. Ittyerah	... Do.
P. J. David	... Do.
Manikavasagom Atchari ...	... Do.
———————	... Do.

Supernumerary Establishment.

W. G. ~~Mersh~~	...Assistant Supervisor.
S. V. Appavoo Pundit ...	...Overseer.

Survey and Drawing Pupils.

———————	...Draughtsman.
C. Moothooswamy Pillay ...	...Drawing Pupil.
V. Soobaraya Pillay ...	... Do.

Permanent Office Establishment.

Chief Engineer's Office, Trevandrum.

C. R. Mitchell	...Manager.
T. Soobiah Pillay	...Head Correspondence Clerk.
T. M. Moothooswamy Pillay	...Assistant Do.

A. Vieyara	...Clerk.
A. C. Soobramanya Pillay	...Translator and Cashier.
T. M. Nullacunnoo Pillay	...Accountant.
J. Jackson	...Head Draughtsman.
W. D. Wheeler	...Assistant Do.
D. Govind Sing	...Storekeeper.
H. Rigby	...Workshop Superintendent.

ASSISTANT ENGINEER'S OFFICE.

Quilon Division, Head Quarters, Quilon.

A. S. Gomez	...Head Clerk.
Geo. Britto	...Clerk.

Southern Division Irrigation Channels Branch Nagercoil.

R. Vythianatha Iyen ...	...Head Clerk.
T. M. Ramalingum Pillay...	...Cash Writer.
S. Courtallem Atchary ...	...Clerk.

Southern Division Roads and Buildings Branch Nagercoil.

J. D'Cruz	...Head Clerk.
A. Shungara Coomaroo Pillay	...Assistant Do.

Trevandrum Division, Head Quarters, Trevandrum.

J. Anthony	...Head Clerk.

SALT DEPARTMENT.

T. Rajaram Row, B. A.
Deputy Peishkar of Salt Revenue.

SUPERVISING AGENCY.

Hurrihara Iyen	...1st Class Inspt. in charge of the Northern Range.				
Pitchu Iyen...	...2nd	Do.	Do.	Central	Do.
Subba Row	...3rd	Do.	Do.	Southern	Do.

ULAMS.

T. Rajaram Row	...Superintendent Thamaraculam.		
Soobramanya Pillay...	Assistant	Do.	Do.
Sebastian Dias, B. A....	Superintendent Rajacamungalum..		
Neelacunda Pillay ...	Assistant	Do.	Do.
R. Runganadha Iyen B. A.	Deputy	Do.	Colachel.
Vullinayagom Pillay...	Do.	Do.	Variyoor.
Charles Cleur	...Preventive Inspt. Thamaraculam & Variyoor.		
———	... Do.	Do.	Rajacamungalum and Colachel.

KUDUCHANDRUMS.

N. Streenivasa Row...	Superintendent	Alleppey.
——— ...	Do	Quilon.
Thanuven Thumby ...	Do.	Trevandrum.
Chellaperumaul Pillay.	Do.	Munambum.

TANKS AND IRRIGATION.

C. Colunthavaloo Mudaliar, B. C. E.
Assistant Engineer in charge of Tanks and Irrigation, and
Second Class Magistrate.

S. Shenachalam Pillay	...Head Accountant.	
V. Samuel... ...	...Sub Overseer.	
Meenachi Naidoo ...	...Sub Overseer.	
M. Padmanaba Pillay	...Correspondence Clerk.	
S. Neelakanda Iyen	...Gumasta, Police.	
P. Ramasamy Pillay	...Aminadar,	in charge of Tank bunds.
P. Kumarasamy Pillay	...Vijarippu,	Nanjenaud Poothenar.
Suba Naik	... Do.	Anandanar.
K. Kumara Pillay ...	... Do.	Puthmanabapuram Poothenar.
S. Soobramania Pillay	... Do.	Palayar.
S. Kumarasamy Naik	... Do.	Alathorayar.

REVENUE SURVEY DEPARTMENT.

James J. Tomlinson, Superintendent.

FIELD ESTABLISHMENT.

Thomas Quinless... ...	...Assistant.
D. Partasaradai Nayadu ...	...Deputy Surveyor.
J. A. Danahoe	Do.
T. Kupasami Mudali	Do.
Muttu Pillai	Do.
Field Surveyors	19

OFFICE ESTABLISHMENT.

C. M. C. Regel	...Clerk.
P. R. Partasaradai Nayadu	...Draughtsman.

ESTABLISHMENT FOR THE SURVEY OF COFFEE ESTATES &c.

FIELD ESTABLISHMENT.

Jacob Janes	...Boundary Surveyor.
Joseph Janes	Do.

OFFICE ESTABLISHMENT.

N. Munnusami Nayadu ...	...Draughtsman.
T. A'lam Khan	Do.
C. Karana Kara Menon ...	...Computer.
S. Ramanarayana Iyen	Do.

OBSERVATORY, TREVANDRUM.

Pulpanaba Pillay ... ...In charge.

TREVANDRUM PEOPLE'S LIBRARY.

Contains over 2,000 Vols. Subscription 7 chs. Monthly.

H. H. the Maha Rajah of Travancore...Patron.
J. Ross Esquire, M. A. ... ...Hony. Secretary & Treasurer.
M. LaBouchardiere, B. A. ... ..Managing Secretary.

GOVERNMENT MUSEUM.

The Museum is under the management of a Committee.

PRESIDENT.

W. Logan Esquire.

MEMBERS.

Major W. D. Brodie Ketchen
H. S. Ferguson Esquire.

Major W. D. Brodie Ketchen ...	...Honorary Secretary.
Mr. Richard Davey	...Superintendent.
Mr. J. T. Murray	...Head Writer.

1. This is a Museum of Natural History; Raw products used in the Arts and Manufactures; specimens of manufactures, Implements and Machinery; Antiquities; Scientific Instruments, Objects of art &c.
2. As the collections in the various sections are yet far from complete, specimens for any of them will be very acceptable.
3. The Museum is open gratuitously to the public daily, sundays excepted from 6½ A. M. to 5 P. M.

N. B. On the first Wednesday of every month, from 12 noon, the rooms are cleared and reserved exclusively for Gosha Ladies.

W. D. BRODIE KETCHEN MAJOR,
Honorary Secretary.

GOVERNMENT PUBLIC GARDENS.

The Public Gardens are under the management of a Committee.

PRESIDENT.

W. Logan Esquire.

MEMBERS.

Major W. D. Brodie Ketchen.
H. S. Ferguson Esquire.

Major W. D. Brodie Ketchen...	...Honorary Secretary
Mr. Richard Davey	...Superintendent
Mr. J. T. Murray	...Head Writer
Byrappah	...Head Gardener

1. The Zoological collection of the Gardens consists of a variety of interesting specimens 3 Tigers, 4 Lionesses, 3 Cheetas, 1 Rhinoceros, 1 Malay Tapir, 1 Himalayan Bear, 4 Sambur, 5 Spotted Deer, 1 Barking Deer, 2 Mouse Deer, 1 Toddy Cat, 3 Hill Squirrels, 10 Brown Monkeys, 4 Black Monkeys, 4 Alligators, 2 Pythons, 2 Turtles, 3 Porcupines, 1 Tortoise, 1 Nilgai, &c.
2. The Aviaries contain 1 Emu, 2 Swans, 2 Lineated Pheasants and a variety of handsome Ornithological specimens.

PUBLIC GARDEN RULES.

1. The Garden shall be opened daily between 5 A. M. and 8½ P. M. after which hour the gates will be closed and no person will be permitted to remain in the Gardens except by special order.
2. Visitors are requested not to ride or drive on the footpaths and not to walk on the cultivated grass. They are also requested not to touch the flowers.
3. Carts and coolies with loads or baskets will not be allowed to enter.
4. Visitors are warned not to irritate or annoy the animals in any way whatever.

5. All animals found straying in the Gardens will be impounded.

6. Smoking within the precincts of the Band Stand Promenade is strictly prohibited.

7. Bullocks are not to be unyoked except in the place set apart for that purpose.

W. D. BRODIE KETCHEN, MAJOR,
Honorary Secretary.

GOVERNMENT PRESS.

Geo. Bain,
Superintendent.

M. Vytheanatha Pillay ... ...Head Printer.

EDUCATIONAL DEPARTMENT.

ENGLISH.

H. H. THE MAHA RAJAH'S HIGH SCHOOL AND COLLEGE, TREVANDRUM.

Principal—John Ross, M. A.

COLLEGE.

John Ross, M. A... ... ...Professor of English and Mathematics.
Robert Harvey, M. A., LL. D... Do. Do. Mental and Moral Philosophy and Logic.
A. Vallianandam Moodaliar, B. A...Asst. Mathematics.
M. LaBouchardiere, B. A. ... ... Do.—English.
T. Muthukumaraswami Pillai B. A...Asst. Philosophy.
P. Ayappen Pillay, B. A. ... ... Do.—General (*temporary.*)
N. Ramakurupu, B. A. ... ...Malayalim Moonshee.
C. Swamynada Desikar ... ...Tamil Do.
S. Vydianada Sastri ... ...Sanskrit Do.

HIGH SCHOOL.

C. Luke ... ...Teacher of the fifth Class.
P. Pulpoo Pillay ... ...Do. Do.
S. Eswara Aiyan ... ...Do. Do.
V. R. Soobramanya Aiyan... ...Do. Do.
Fourth Class Teachers 6
Third Do. Do.... 5
K. Purushothaman Pillay ... ...Assistant Mal. Moonshee.
Writer... 1

PREPARATORY SCHOOL.

Master ... ...T. Nagan Thambi.
Assistant Masters ... ...4.
Monitors ... ...6.

LAW CLASS.

W. E. Ormsby, M. A., LL. D. Barrister-at-law...Professor.

DISTRICT SCHOOLS.

J. Ross, M. A. In charge.

K. Vasudava Row, Inspector.

I. A. Duthie M. A. ...Head Master High School Kotar.
K. Kunjuni Menone, B. A..Master District School Alleppey.
K. Sita Rama Iyen ...Do. Quilon.
S. Visuvanatha Iyen ...Do. Takalay

V. Krishna Iyen	...Master District School	Shencota.
M. Mathew	...do.	...Kayankolum.
K. Shungaran Pandalay	...do.	...Mavalikaray.
L. Narayana Iyen ...	...do.	...Tiroovallah.
I. Daniel	...do.	...Chunganacherry.
Visuvasom Pillay ...	...do.	...Sheraingil.
T. Anandanarayana Iyen	...do.	...Attingal.
C. Pudmanaba Iyen ...	...do.	...Paravoor.
V. Shungara Pillay ...	...do.	...Alwaye.
T. Bhoojunga Row ...	...do.	...Boothapandy.
R. Appathora Iyen ...	...do.	...Tiroovattar.
R. Valoo Pillay ...	...do.	...Colachel.
R. Vythinatha Iyen ...	...do.	...Eraniel.
T. M. Thomas...	... (Ag.) do.	...Kottarakara.
K. Soobien ...	... (Ag.) do.	...Ambalapulay.
I. Vurky ...	... (Ag.) do.	...Aripad.
R. Easura Pillay B. A ...	...do. Spl. School	Mavalikaray.

SIRKAR SCHOOL FOR GIRLS, TREVANDRUM.

Lady Superintendent—Miss A. C. Donnelly.

SUBJECTS TAUGHT.

English and Indian History, Geography, Grammar, Composition, Physiology, Hygiene, Arithmetic, Lessons on objects, &c,, in addition to the usual Educational routine. Accomplishments:—Music; Drawing; Plain Sewing, Ornamental Needle work, &c., &c.

VERNACULAR.

S. Rama Row,
Director of Vernacular Education.

DISTRICT SCHOOLS.

C. Krishna Pillay, B. A. ...	...Inspector,	Southern Range.	
Anandanarayana Iyen ...	... Do.	Northern Do.	
Pulpoo Thumby	... Do.	Grant-in-aid Schools.	
Pitcha Pillay	...Deputy Inspector		
Pulpanaba Pillay	... Do.		
Gopala Pillay...	... Do.		
Krishna Pillay	... Do.		
Atchootha Varier	... Do.		
Pulpanaba Iyen	... Do.		
Cochoopillay Varier... ...	... Do.		
Valoo Pillay	... Do.		
Amoorthanatha Iyen ...	... Do.		
Sreenivasa Iyen	... Do.		
Coonjookrishna Pillay ...	...1st Master,	Central Vern.	School.
Vencadaswara Iyen... ...	...Do.	Karamanay Girl's	do.
Ganapathy Iyen	...Do.	Fort do	do.
Pulpanaba Iyen	...Do.	Soochindram	do.
Ramen Pillay	...Do.	Kottar	do.
Manikavasacam Pillay ...	...Do.	do. Tamil	do.
Easwara Iyen...	...Do.	Eraniel	do.
Narayana Pillay	...Do.	Neyattincaray	do.
Paramaswaren Pillay ...	...Do.	do. Girls'	do.

Colathoor Iyen	1st Master Culcoolum Girls' School.		
Parasoorama Iyen	...Do.	Thiroovattar	do.
Valoo Pillay	...Do.	Velavancode	do.
Ragoopathy Iyen	...Do.	Culcoolum	do.
Shungara Pillay	...Do.	Nadoomungaud	do.
Mahalinga Sastri	...Do.	Kottaracaray	do.
Appavoo Pillay	...Do.	Aranmulay Special	do.
Janarthana Iyen	...Do.	Shereingeel	do.
Mahadava Iyen	...Do.	do. Girls'	do.
Ramakrishna Iyen	...Do.	Quilon	do.
Venkitaswara Iyen	...Do.	do. Girls'	do.
Govinda Varier	...Do.	Caroonagapully	do.
Rama Iyen	...Do.	Kartigapully	do.
Boothalinga Iyen	...Do.	Mavalikaray	do.
Harihara Iyen	...Do.	Chenganore	do.
Harihara Iyen	...Do.	Thirroovellah	do.
Krishnen Oony	...Do.	Ambalapollay	do.
Subramonia Iyen	...Do.	Shertallay	do.
Soobramony Iyen	...Do.	Vycome	do.
Pudmanaba Iyen	...Do.	Cottayam	do.
Krishnen Thumby	...Do.	Chunganacherry	do.
Vencadaswara Iyen... ...	...Do.	Paravoor	do.
Ramakrishna Varier ...	...Do.	Yattoomanore	do.
Ramakrishna Iyen	...Do.	Shencottah	do.
Shungoo Varier	...Do.	Kunnathnaud	do.
Parasoorama Iyen	...Do.	Soochindram Girls'	do.
Aroomoogum Pillay... ...	...Do.	Thiroovattar do.	do.
Sooba Iyen	...Do.	Shencottah do.	do.
Appathura Iyen	...Do.	Chenganore do.	do.
Krishna Manon	...Do.	Kunnathnaud do.	do.

PROVERTHY SCHOOLS.

Name of District.	Number of Schools.
Thovallay	4
Agusteeswaram	6
Eraniel	9
Culcolum	6
Velavencode	11
Neyattencaray	9
Trevandrum	5
Nedoomungaud	8
Sherainkeil	10
Quilon	9
Kottaracaray...	7
Kunnathur	2
Pathanapooram	4
Shencottah	6
Karunagapully	7
Kartigapully	8
Mavalikaray	12
Chenganore	9
Thiruvellah	7
Ambalapollay	7
Cottayam	4
Chunganacherry	4

Name of District	Number of Schools.
Meenachel	4
Vycome	7
Shertallay	6
Yetmanoor	5
Thodupollay	1
Kunnathnaud	5
Allengaud	2
Paravoor	3
Moovattupulay	1

GRANT-IN-AID SCHOOLS.

In the Town of Trevandrum ... ...25 Schools.

Name of the Applicant for Grants	No. of Schools.
Revd. William Lee	47
Revd. I. H. Hacker	36
Revd. C. Yesudian	9
Revd. J. Emlyn	35
Revd. F. Wilkinson	19
Revd. J. Caley	17
Right Revd. Dr. E. Sargent, Bishop	3
Revd. F. Bower (In charge)	31
Most Revd. Mar Athanasius	90
Most Revd. Mar Dionysius	88
Revd. J. Duthie	5
Dr. T. S. Thomson	3
Patharoo	1
Cruso	1
Valoo Pillay	1
Pulpanaben Narayanen	1
Ramen Ramen	1
Narayana Pillay	1
Iyeppen Oodayan	1
Paramaswaren Valayudden	1
Paranchothi M. Veeravacu Thasikur	1
Easwaren Krishnen	1
Revd. Fr. Victor of St. Ant	7
Revd. W. Clarke	1
Revd. J. Allulia B. V. Souza Vicar of Poonthooray...	1
Revd. Diogo A. J. deSouza Vicar of Valiathooray ...	1
Revd. Fr. Dominicus	1
Michale	1
Revd. C. A. Neve...	4
Revd. Fr. J. B. Gonsalvez	1
Easwaren Krishnen	1
Narayana Pillay	1

BOOK DEPOT, TREVANDRUM.

S. Shungra Pillay, B. A.... ... ...Curator.

CENTRAL JAIL, TREVANDRUM.

The Physician to H. H. the Maha Rajah,
In Medical charge.

G. W. Boomgardt ... ...Superintendent.
Peerkhan ... ...Jailor Poojapura Sub-Jail.
Abdulasha ... ... Do. Central Jail.
C. R. Miranda ... ...Head Clerk.

TREVANDRUM CONSERVANCY ESTABLISHMENT.

A. Cochookrishna Pillay ... ...Sanitary Inspector.

PHOTOGRAPH DEPARTMENT.

Z. D'Cruz ... ...Government Photographer and Clock and Watch repairer.

COMMERCIAL DEPARTMENT ALLEPPEY.

J. Rohde, Commercial Agent.

K. Pulpanaba Pillay... ... ...Sheristadar.
W. P. Vieyra ... ...Head Clerk.

MASTER ATTENDANTS.

J. Rohde ... ...Alleppey.
J. R. Rice ... ...Quilon.
C. Kohlhoff ... ...Colachel.

FOREST DEPARTMENT.

Conrad R. Vernede,

Conservator of Forests, In charge of the Government Teak Plantations and the Keddah.

M. Thomas ... ...Assistant to the Conservator.
R. Stevenage ... ... Do. Do.
Jos. Moreira ... ...Clerk.

CARDAMOM DEPARTMENT.

C. J. Maltby ... ...Superintendent and 1st class Magistrate Cardamom Hills.

CUSTOMS DEPARTMENT.

J. Rohde... ... ...Customs Master Alleppey.
J. R. Rice ... ... Do. Do. Quilon.
K. Soobramania Iyer, B. A. ...Supt. of Customs, Alleppey.
R. LaBouchardiere ... ... Do. Aroocootty. (*on other duty.*)
Anandasoobramonia Iyen ...Acting Do.
Venkatta Row ... ... Do. Ariencavoo Range.
S. Narayana Row ... ... Do. Aramboly Do.
Vencobba Row ... ... Do. Colachel Do.
Gufferzer Hoozain ... ...Preventive Inspt. Monumbom Range.
Shaik Abeeb ... ... Do. Sub-Inspector Do.
Theriya Khan ... ... Do. Inspector Aroocootty Do.
Ameeran ... ... Do. Sub-Inspector Do.

MARYVILLE GARDEN PEERMADE.

R. Gonsalvez ... ...Superintendent.

COFFEE DEPARTMENT.

D. C. C. Grant... ... ...Ag. Supt. and 2nd class Magistrate Southern Coffee Districts.

BRITISH GOVERNMENT INSTITUTIONS AND OFFICERS IN TRAVANCORE.

JUSTICES OF THE PEACE IN TRAVANCORE.

W. E. Ormsby, M. A., LL. D., Barrister-at-Law	...Trevandrum.
R. Harvey, M. A., LL. D., ...	... Do.
Major W. D. Brodie Ketchen ...	... Do.
O. H. Bensley, B. A.	... Do.
J. Rohde	...Alleppey.
C. J. Maltby	...Peermade.
W. T. A. Cosby	...Alleppey.
R. B. Ferguson	...Cottayam.

MILITARY FAMILY PAYMENTS AND PENSIONS TREVANDRUM.

Capt. M. E. H. O. Welch ... ...In charge.

POST.

J. Bower Esq.

Superintendent of Post Offices, Palamcottah Division.

I. Saminada Iyer ...	...Disbg.	Post Master	Trevandrum.
R. Shodalamoothoo Pillai	...Head	Clerk (Ag)	Do.
Thanoomallaparumal Pillai	...2nd	Do.	Do.
Miss E. J. Boomgardt ...	...3rd	Do.	Do.
T. Chinniah Naidoo ...	...1st M. O.	Do.	Do.
I. Mooroogheu Asary ...	...2nd M. O.	Do.	Do.
N. Tirumalai Iyengar ...	...Probationary	Do.	Do.
F. Francis Leene ...	...Sub-Post Master,	Ag.	Nagercoil.
Mr. J. D'Souza ...	... Do.	(Ag.)	Quilon.
I. Soobramania Pillai ...	... Do.		Alleppey.
Veerappa Pillai ...	...Clerk		Do.
Stephen Leene ...	...Sub-Post Master		Cottayam.
T. Krishnaswamy Chetty	... Do.		Shertallay.
A. Subbiah Naidoo ...	... Do. (Ag.)		Colachel.
S. N. Peter	... Do. (Ag.)		Ashamboo.
M. Easura Pillai ...	... Do.		Anjengo.

ELECTRIC TELEGRAPH.

P. M. Madge.

Assistant Superintendent, Cochin Sub-Division in charge.

S. C. Mutusamy	...Telegraph	Master,	Alleppey.
R. S. D'Souza	... Do.	Do.	Quilon.
L. C. Gomes	... Do.	Do.	Trevandrum.
M. Krishnasawmy	... Do.	Do.	Nagercoil.

INDIAN MARINE.

J. D. Chatterton ... ...Superintendent, British Government Light-house, Muttum.

SUB-MAGISTRATES.

A. Nanoo Menon ... ...Anjengo.
G. Laporte... ... ...Tangacherry.—Employed by the Sircar to superintend its farm of Tangacherry.

THIRTY-FOUR SOVEREIGNS OF TRAVANCORE.

IMMEDIATELY PRECEDING HIS HIGHNESS THE PRESENT MAHARAJA.

	Name.	Date of Ascension to the Musnud.	Length of Reign.
1	Sri Veera Rama Marthanda Varma Raja	1335-36	40
2	Errawee Varma Raja............................	1375-76	7
3	Kaler Kulasekhara Perumal *(for a short time)*........	1382-83	
4	Chara Oodeah Marthanda Varma Kulasekhara Perumal Raja	1382-83	62
5	Wanaut Mootu Raja	1444-45	14
6	Sri Veera Marthanda Varma Raja	1458-59	13
7	Additea Varma Raja	1471-72	7
8	Errawee Varma Raja...........................	1478-79	25
9	Sri Marthanda Varma Raja	1503-04	
10	Sri Veera Errawee Varma Raja	1504-05	24
11	Marthanda Varma Raja..........................	1528-29	9
12	Oodeah Marthanda Varma Raja	1537-38	23
13	Kerala Varma Raja	1560-61	3
14	Additea Varma Raja	1563-64	4
15	Oodeah Marthanda Varma Raja	1567-68	27
16	Sri Veera Errawee Varma Kulasekhara Perumal Raja..	1594-95	10
17	Sri Veera Varma Raja	1604-05	2
18	Errawee Varma Raja...........................	1606-07	13
19	Oonnee Kerala Varma Raja......................	1619-20	6
20	Errawee Varma Raja...........................	1625-26	6
21	Oonnee Kerala Varma Raja......................	1631-32	30
22	Additea Varma Raja...........................	1661-62	16
23	Oomayammal Ranee	1677-78	7
24	Errawee Varma Raja...........................	1684-85	34
25	Oonnee Kerala Varma Raja......................	1718-19	6
26	Rama Varma Raja..............................	1724-25	5
27	Vanchi Marthanda Varma Kulasekhara Perumal Raja..	1729-30	29
28	Vanchi Bala Rama Varma Kulasekhara Perumal Raja..	1758-59	40
29	Bala Rama Varma Kulasekhara Perumal Raja........	1798-99	13
30	Ranee Gouree Letshmy Bhye......................	1811-12	4
31	Ranee Gouree Parwathy Bhye	1815-16	14
32	Vanchi Bala Rama Varma Kulasekhara Perumal Raja	1829-30	18
33	Vanchi Bala Rama Varma Kulasekhara Perumal Baghiodya Marthanda Varma Raja	1846-47	13
34	Vanchi Bala Rama Varma Kulasekhara Perumal Baghiodya Rama Varma Maha Raja G. C. S. I................	1860-61	19
	His Highness the present Maha Raja	1879-80	

British Residents of Travancore and Cochin.

Colonel C. Macauly, appointed in 1800, relieved 4th March 1810.
Colonel J. Munro, appointed 23rd March 1810, relieved 24th January 1819. [1820.
Colonel S. McDouall, appointed 23d April 1819, died 7th November
Colonel D. Newall, C. B., appointed 15th February 1821, relieved 1st May 1827. [December 1829.
Colonel W. Morison, C. B., appointed 13th March 1827, relieved 7th
Lieut.-Colonel E. Cadogan, (acting), appointed 25th December 1829 relieved 24th June 1834. [ary 1836.
J. A. Casamaijor, Esq., appointed 14th April 1834, relieved 12th Janu-
Colonel J. S. Fraser, appointed 5th January 1836, relieved 15th August 1838.
Captain A. Douglas, (acting,) appointed 3rd August 1838, relieved 1st November 1839. [July 1840.
Lieut.-Colonel T. Maclean, appointed 4th October 1839, died 31st
Lieut.-General W. Cullen, appointed 8th September 1840, relieved 11th January 1860 [1862.
F. N. Maltby, Esq., appointed 1st January 1860, relieved 1st May
Wm. Fisher, Esq., appointed 1st May 1862, relieved 7th April 1864.
H. Newill, Esq., appointed 15th April 1864, on Privilege leave 1867.
A. MacGregor, Esq. (acting) appointed 26th February 1867, relieved 27th May 1867. [1869.
H. Newill, Esq. resumed Office 27th May 1867, relieved 25th March
G. A. Ballard, Esq., appointed 29th March 1869 on furlough 1870.
J. I. Minchin, Esq., (acting,) appointed 31st March 1870, relieved 22nd June 1871. [1874.
G. A. Ballard, Esq., resumed Office 22nd June 1871, on privilege leave
Major A. F. F. Bloomfield (acting,) appointed 13th July 1874, relieved 14th October 1874.
G. A. Ballard Esq., resumed Office 14th October 1874, on other duty 1875.
Major W. Hay, (acting) appointed 19th April 1875, relieved 11th October 1875. [March 1877.
A. MacGregor Esq., appointed 11th October 1875, to Europe M. C. 10th
H. E. Sullivan Esq., (acting) appointed 10th March 1877, relieved 20th February 1878. [28th March 1879.
J. C. Hannyngton Esq., (acting) appointed 20th February 1878, relieved
A. MacGregor Esq., resumed Office 28th March 1879, to Europe M. C. 31st March 1881.
J. C. Hannyngton Esq., appointed 1st April 1881. (on leave)
W. Logan Esq., (Acting) appointed 5th May 1883.

Dewans of Travancore.

Oomany Thumby ...	...1808.	Soobrow	...1839.
Deven Pulpanauben ...	...1814.	V. Kristno Row, (in charge)	...1842.
Shangoo Annavy ...	...1815.	Vencutrow	...1843.
Ramen Menoven ...	...1816.	Sreeneevassa Row, (in charge)	1845.
Vencutrow	...1817.	V. Kristno Row ...	...1847.
Vencata Row	...1822.	Sir T. Madava Row ...	...1858.
Soobrow	...1830.	A. Sashiah Sastri ...	...1872.
R. Runga Row, (acting)	...1837.	N. Nanoo Pillay ...	...1877.
R. R. R. Vencata Row	...1838.	V. Ramiengar C. S. I.	...1880.

CHRISTIAN MISSIONS IN TRAVANCORE.

PROTESTANT.

LONDON MISSIONARY SOCIETY;—Commenced 1805.

Mission Stations.	When Commenced.	European Missionaries and Native Pastors.	Arrived.	Ordained.	No. of Congregations.	No. of Christians.	Schools.	Boys.	Girls.
Nagercoil	1809	Rev. James Duthie	1859	...	...	...	...	...	...
		Rev. William Lee	1863	...	53	6791	63	2286	829
		Rev. C. Sattianathan	...	1879	...	...	...	...	...
Tittuvilei	1866	Rev. C. Yesudian	...	1866	13	1897	20	543	200
Neyoor	1828	Rev. I. H. Hacker	1877	...	48	6681	45	2659	602
		Dr. T. S. Thompson,	1872	...	...	...	...	...	...
		Rev. A. Arumanayagum	...	1866	...	...	...	...	...
		Rev. M. Nyanabranam	...	1867	...	...	...	...	...
Pareychaley	1845	Rev. James Emlyn	1868	...	62	12687	53	1954	417
		Rev. William Fletcher	...	1867	...	...	...	...	...
		Rev. Joseph Kamalam	...	1867	...	...	...	...	...
Trevandrum	1836	Rev. Samuel Mateer, F. L. S.	1859	...	35	4320	23	674	271
		Rev. A. Devalam	...	1879	...	...	...	...	...
		Rev. V. Mosses	...	1883	...	...	...	...	...
Quilon	1821	Rev. J. Knowles	1880	...	9	1011	8	205	56
		Rev. C. Samuel	...	1879	...	...	...	...	...
Nagercoil (Pastorate)	1866	Rev. J Joshua	...	1867	2	1313	...	...	...
Neyoor Do.	1866	Rev S. Zachariah	...	1866	2	805	...	...	...
Dennispuram Do.	1866	Rev. C. Masillamani	...	1866	2	328	...	...	...
Weravilei Do.	1867	Rev. V. Arumanayagum	...	1867	2	661	...	...	...
Neyattinkara Do.	1878	Rev. J. Seilyam	...	1878	7	1196	...	...	...
Agasteespuram Do.	1879	Rev. V. Solomon	...	1879	3	764	...	...	...
Santhapuram Do.	1879	Rev. J. Nathaniel	...	1879	2	496	...	...	...
Devikodu Do.	1879	Rev. P. Yacob	...	1879	5	1063	...	...	...
Kadamalakunoo Do.	1879	Rev. B. Manasseh	...	1879	5	802	...	...	...
Amaravila Do.	1880	Rev. G. Sattianathan	...	1880	3	1179	...	...	...
...	...	...	...	...	253	41994	212	8321	2375

Nagercoil Seminary:—The Rev. J. Duthie and 6 Native Teachers.

Nagercoil Press;—Total Pages, 18,95,290

CHURCH MISSIONARY SOCIETY.

The Right Reverend J. M. Speechly, D.D., Bishop of Travancore and Cochin.

Names of Chief Stations.	European Missionaries and Native Clergy.	First arrived in the country.	No. of Christians.	No. of Schools.	Boys in Schools.	Girls in Schools.	Printing Press.	Book Depot.
Cottayam C. M. S. College	Rev. C. A. Neve, Principal	1879	... ...	...	280		Employing about 35 men and boys: Printing is done in Malayalam and English. Binding also and Type founding are carried on.	School-books, Christian books and Tracts. Stationery and Requisites are sold in the Depot. 4 Calporteurs are employed in selling books.
„ Cambridge Nicholson Institution and Model School ...	„ J. Caley	1871	... ...	...	20 110			
„ Boarding School	Mrs. Baker Senior.	1818	... ...	...	...			
„ „ and Day Schools	Miss Baker	1866	... ...	...	...	48		
„ Hindu Girls Schools	Mrs. Neve	... ...	... ...	...	...	230		
Alwaye Itinerancy	Rev. J. Caley, in charge	... ...	... ...	3	...	130		
Trichur Mission	„ J. H. Bishop, B. A.	} 1867	915	7	141	52		
Kunnankulam Mission	„ „ „							
Alleppey „	„ W. Clark	1880	867	12	396	93		
Tiruvella „	„ F. Bower	1867	2074	14	338	71		
Mundakayam „	„ A. F. Painter	1877	861	3	29	13		
„ „	„ P. M. Curian	... ...	... ...	...	...			
Melkavu „	„ W C. Kuruvila	... ...	855	6	82	34		
Kunnakulam „	„ P. Wirghese	... ...						
Kandanada „	„ P. P. Joseph	... ...						
Northern Council, viz :—								
„ Cottayam Pastorate	„ K. Koshi, *Vice Chairman*	... ...	989	8	226	75		
„ Pallam „	„ K. Jaco	... ...	1941	10	288	128		
„ Cochin „	„ K. Kuruwella, *Secretary*	... ...	492	1	27	16		
„ Trichur „	„ J. Chandy	... ...	... ...	...	...	...		
„ Olesha „	„ K. Koratha	... ...	1045	4	107	24		
„ Chunganacheri „	„ O. Mamen	... ...	897	7	120	30		
„ Arpukara „	„ J. Caley, *in charge*	... ...	842	8	147	25		
Southern Council, viz :—								
„ Thalawadi „	„ G. Curian, *Vice Chairman*	... ...	1064	5	94	21		
„ Mavelikara „		... ...	572	5	*	*		
„ Kodawalnye „	„ C. Itti	... ...	1020	7	131	22		
„ Putuppali&Katanam „	„ E. V. John	... ...	777	6	98	16		
„ Elantur „	„ C. Thomas	... ...	520	4	123	32		
„ Mallappalli „	„ A. T. Thoma, *Secretary*	... ...	1632	7	*	*		
„ Kannit „	„ A. J. Jacob	... ...	580	5	168	30		
			17943	122	2925	1090		

The Rev. W. J. Richards.—In England.

„ „ J. Tharian.—Retired on pension.

* No returns at hand.

CATHOLIC.

VICARIATE APOSTOLIC OF MALABAR.—Established in December 1859.

His Grace the Most Rev. Dr. Leonard of St. Louis, O. D. C., Archbishop of Nicomedia, and Vicar Apostolic, arrived in India and Travancore 1851.

The Right Rev. Dr. Marcellino of St. Teresa O. D. C., Bishop of Pario, and Coadjutor to the Archbishop, entitled to the right of future succession as Vicar Apostolic, arrived in India and Travancore 1854.

Stations.	Missionaries	Time of Arrival in Travancore.	No. of Christians.	No. of Schools.		No. of Boys in Schools.	No. of Girls in Schools.	No. of Students in Theological Seminaries.	Convents.			
				Eng.	Mal.				Stations.	Inmates of each convent. Males.	Females.	
Coonemaw ...	The Very Rev. Father Philip of St Joseph D. C. M. A. Vicar General and Rector of Apos. Seminary	1854	Grand total of the Catholic population 2,80,600.			About 6,346	About 2,929	222	Magnamey...	33		Printing establishments 3
Cochin ...	Rev. Fr. Cherubim of St. Louis D. C. M. A.	1854		6	600				Coonemaw ...	38		
Cochin ...	Rev. Fr. Camilus of the Presentation D. C. M. A. Vicar	1870							Mananam ...	19		
Alleppey ...	Rev. Fr. Candidus of the Sac. Heart of Mary D. C. M. A. Vicar	1870							Varacollam	10		Parochial Churches 196
Verapolay ...	Rev. Fr. Augustine of St. Mary D. C. M. A. Inspector of the Seminaries ...	1871							Polingono ...	3		Chapels 39
Magnamey ..	Rev Fr. Rombant of St. Elias D.C.M.A. Supr.	1878							Ambaracado	14		Latin Priests ... 44
Puthempully ...	Rev. Fr. Eliseus of S. H. of Jesus D. C. M. A. Vice-Rector of the Seminary Puthem: ...	1878							Valluley ...	...	19	Syrian do. ...360
Arthingel ...	Rev. Fr. Elias of St. Joseph D.C.M.A. Vicar.	1878							Cochin ...	...	6	Seminaries... ... 4
Verapolay ...	Rev. Fr. Bonaventure of St. Francis D. C. M. A. Vicar	1878							Arnatocaray	16	...	Catechumenates. 5
Puthempully ...	Rev. Fr. Bonifacius of S. H. Mary D.C.M.A.	1883							Allepey ...	...	4	
Puthempully ...	Rev. Fr. Bernard of Jesus D. C. M. A. ..	1883										
Arthingel ...	Rev. Fr. Alphonsus Mary D. C. M. A. ...	1883										
Magnamey ...	Rev. Fr. Cyril of the Mother of God D.C.M.A.	1883										

VICARIATE APOSTOLIC OF QUILON.—Established on the 12th March 1845.

Rt. Rev. Fr. Ildephonsus of St. John Bapst. O. C. D., Bishop of Amizon arrived in India 1852.

Rt. Rev. Fr. Ferdinandus of St. Maria Bishop of Massimianopoly, Administrator of the Vicariate arrived in India 1883.

Mission Stations and Sub-Stations.	Missionaries.	Time of arrival in Travancore.	No. of Christians.	No. of Schools.		No. in Boys' Schools.	No. in Girls' Schools.	No. of Students in Theological Seminaries.	Conventa.		
				Eng.	Mal.				Stations.	Inmates.	
										Ma.	Fe.
Quilon.											
Tuieth—Sub-Stations 2	Rev. Fr. Ambrose, D. C. M. AP....	1862									
	Rev. Fr. Thomas, D. C. M. AP.	1867									
Trevandrum—Sub-Stations	Rev. Fr. Mary Victor, D. C. M. AP.	1858									
	Rev. Fr. Ferdimandus, D. C. M. AP.	1857									
Cayancoolam—Sub-Station 1	Rev. Fr. Lazzar Fernandez, (Latin)										
Aibica—Sub-Stations 2	Rev. Fr. Marian Fernandez, (Latin)										
Kolitota—Sub-Stations 2	Rev. Fr. Thomas, (Syrian)								Tangacherry.		
Calladay—Sub-Stations 5	Rev. Fr. Emmanuel D'Pietade, (Latin)									6	
Thopoo	Rev. Fr. John, (Syrian)										
Tangacherry	Rev. Fr. Columbinus, D. C. M. AP.	1851									
	Rev. Fr. Prosper, D. C. M. AP.	1857									
	Rev. Fr. Francis, D. C. M. AP.	1872									
	Rev. Fr. Augustine Chiavassa, M.	1872		6	70						
Erevipooram—Sub-Stations 3	Rev. Fr. Bernardinus, D. C. M. AP.	1872	About—82,400.			About—2,780.	About—695.		Quilon.		9
Mongott	Rev Fr. F. Miranda, (Latin)										
Mampully—Sub-Stations 3	Rev. Fr. Eliseus D'Rosario, (Latin)										
Angengo—Sub Stations 2	Rev. Fr. Emygdius, D. C. M. AP.	1856									
Pudooeruchy—Sub-Stations 4	Rev. Fr. Peter Fernando (Latin)										
Puttentop—Sub-Stations 5	Rev. Fr. Mathay, (Syrian)										
Vengotte—Sub-Stations 23	Rev. Fr. John Gonsalvez, (Latin)										
Mulagoomoode—Sub-Stations 20 ...	Rev. Fr. Eugenius Verleure, M. AP.	1862									
Carangadoo—Sub-Stations 11	Rev. Fr. Isidore, AP. M.	1872									
Cottar—Sub-Stations 23	Rev. Fr. Joseph, D. C. AP. M....	1858									4
Vallavaley—Sub-Stations 4	Rev. Fr. Saveriar, (Latin)								Trevandrum.		
Eneyam—Sub-Stations 5	Rev. Fr. Joseph Fernandez, (Latin)										
Colachel—Sub-Stations 6	Rev. Fr. Victor, D. C. AP. M.	1859									
Poollatopoo—Sub-Stations 2	Rev. Fr. Antonius, D. C. AP, M.	1870									
Poothantorray—Sub-Stations 3 ...	Rev. Fr. Joseph Fernandez, (Latin)										
Cape Comorin—Sub-Stations 5 ...	Rev. Fr. Dominicus, (Latin)										

VICARIATE GENERAL OF COCHIN.

The Very Revd. C. C. Nazareth, Vicar General—residence—Quilon.

Mission Stations.	Churches.	Missionaries.	Commencement of service.	Christians.	Seminary and College.	Schools.	Boys.	Girls.
I. In Travancore.								
Alleppey	1	Revd. A. E. M. S. A. Sirdinha ...	1879	566	1		26	
Aravola	2	,, Nicolan Benjamin Cruz ...	1865	930	...			
Canjeracot	3	,, Pedro Rosario	1880	1772	...	1	22	3
Caringolam	7	,, Sebastiao Souza	1881	2728	...	2	29	14
Cattur	3	,, Antonio Fillippe Antuneo ...	1874	4031	...	5	59	21
		,, Jose Amparo Freire (Asst.) ...	1881	...	...			
Eruvine	1	,, Ciriaco Silva	1868	294	...	1	26	2
Nindagara...	4	,, J. S. F. Costa...	1878	1397	...	3	60	20
Pettah (Trevandrum)	4	,, F. Assis B. de Sa	1879	1440	...	1	69	9
Pancare	3	,, Gaspar Baylao M. Torres ...	1879	1045	...	3	70	12
Puntoorre	2	,, F. Xavier Ferrath	1867	1323	...	1	52	27
Quilon	4	,, J. P. L. Fonceca	1874	1391	...	2	42	19
Tumpoly	1	,, Jose Rosario Furtado	1879	1333	...	4	25	18
Tutur	5	,, Salvador Silva	1880	2531	...	1	41	10
Vadachery	4	,, S. N. das Dores e Costa ...	1883	1001	...	1	16	4
Vaddy	5	,, J. Alleluia B. V. Souza ...	1879	2116	...	3	60	25
		,, A. C. Siquaisa (Assistant) ...	1883	...	...			
Valliathoray	3	,, D. A. J. Souza	1880	1428	...	1	61	24
Vattalunguel	1	,, Antonio Fernandes	1881	1607	...			
Valey	4	,, P. A. d'Assiz Alvares... ...	1883	1145	...	1	29	7
II. In Cochin.								
Amarabady	2	,, Jeronimo Mical Clementa ...	1877	1539	...	2	35	15
		,, George Bannes (Assistant) ...	1881	...	...			
III. In Coramandel Coast.								
Aur...	19	,, C. S. Domiciano Miranda ...	1883	2962	...	10	252	2
Cocurnim	12	,, D. E. D. Cruz	1879	5601	...	5	49	4
Dindigal	35	,, M. J. P. Viegas	1881	6207	...	2	52	9
Gurdalle	7	,, B. P. E, Furtado	1879	2343	...	4	126	8
Madura	18	,, J. C. Srampis	1879	3140	...	2	61	3
Malyadipatty	13	,, D. M. Bouth	1868	2568	...	2	59	32
Manapar.	2	,, J. S. J. M. Carvalho	1878	1454	...	3	49	56
Muttupettah	6	,, L. X, Peres	1882	1274	...	2	38	16
Oriur	19	,, Casimiro Souza	1879	5143	...	7	60	3
Punicail	8	,, M. O. Coelho...	1855	1548	...	1	54	12
Trichinopoly	2	,, B. R. Pinto	1882	5341	...	2	170	17
Tuticorin	9	,, A. G. Castellino	1874	2163	1		145	93
		,, J. Rondo (Assistant)... ...	1876	...	...			
Vaypar	3	,, Maria Norberto Joseph ...	1880	1767	...	2	39	22
Venkadacolam	16	,, Vicente Bermande Neves ...	1877	2777	...	9	134	2
Total ...	228	37		74105	2	83	[illegible]	[illegible]

VICARIATE GENERAL OF CRANGANORE.

The Very Rev. C. C. NAZARETH, Acting Vicar General—residence—Quilon.

MISSION STATIONS.	MISSIONARIES.	NO. OF CHRISTIANS.	SEMINARY AND COLLEGE.	NO. OF SCHOOLS.	BOYS AND GIRLS.
I. SOUTHERN DIVISION.					
Canengaray ...	Rev. Vnttacoolatk Ausebo	242	...	1	54
Coomaragom ...	„ Cunnechery Jacob	59	...	...	...
Cadatoority ...	„ Acamparumbil Mathaye	1,556	1	3	72
	„ Palloccoonel Ausebo (Asst)	...	...	...	...
Elanhil ...	„ Killacail Mathunny	1,998	...	3	91
	„ Manapally Abraham (Asst.)		...	...	...
Chunganacherry ...	„ Cadavil Ausebo	200	...	...	...
Corolongatto ...	„ Vadakepanthalur Mathaye	208	...	...	...
	„ Pottanetto Panlos	...	...	...	...
II. NORTHERN DIVISION.					
Cheur Trichoor &c. ...	„ Maplacherry Simeon	971	...	1	21
Paleur ...	„ Callurcaren Thalacothur Curiacos	516	...	2	56
Parety ...	„ Manoely Jacob	611	...	1	19
Cherulayam & Cottapady.	„ Xungatil Guivarguis	57	...	...	...
Valleanad ...	„ Killacail Thoma	506	...	...	...
Puthenchirre ...	Do.	300	...	...	...
Enamakel & Murcadyat .	„ Jose Alpanasio Cuthir	122	...	...	...
Alway	„ Attalare Ausebo	...	1	...	12
Mattam ...	„ Vayapally Johanen	37	...	...	...
Chittatur ...	„ Pallycotil Jacob (Verapully Vicar)	1,100	...	1	32
Total......	17	8,483	2	12	357

BRITISH INDIAN STEAM NAVIGTION COMPANY (Limited.)

Rates of passage from Colachel.

Ports.		Distance in miles.	Freight per Ton.	Passage. Cabin.	Passage. Deck.
Alleppey	... ...	98		15	3
Cochin ...	... ...	132	...	30	5
Narakkal	... ...	142			
Beypore...	... ...	222	...	38	8
Calicut ...	... ...	233			
Tellicherry	... ...	272	...	49	10
Cannanore	... ...	285			
Mangalore	... ...	362	...	60	12
Carwar ...	... ...	494	...	68	14
Goa ...	... ...	542	...	75	15
Vingorla	... ...	570	... to Agent.	79	16
Rutnagherry	... ...	646	...	83	17
Bombay...	... ...	769	...	90	18
Tuticorin	... ...	106	...	19	4
Colombo	... ...	255	...	34	7
Galle ...	... ...	324	...	45	9
Negapatam	... ...	764	...	68	14
Cuddalore	... ...	822	...	75	15
Pondicherry	... ...	839			
Madras ...	... ...	918	...	83	17
Yeperpollium	... ...	1112	...	113	23
Masulipatam	... ...	1192			
Coconada	... ...	1292	... Rates on Application.	120	24
Vizagapatam	... ...	1366	...	128	26
Bimlipatam	... ...	1383			
Calingapatam	... ...	1429	...	135	27
Gopalpore	... ...	1495			
Gangam...	... ...	1510			
Pooree ...	... ...	1561	...	137	29
False point	... ...	1621	...	143	29
Calcutta...	... ...	1837	...	150	30
London ...	...1st Class...	...	...	534	...
Do. ...	... 2nd Do....	...	...	317	...

The Company's Steamers call fortnightly during the season, about every alternate Friday. In the South West Monsoon the Steamers call off the Port to give opportunity of landing and embarking passengers and cargo, should the surf admit of boats putting off. Passengers and cargo booked through to London and intermediate ports.

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Estate Agency : Banking : Mercantile.

Estate and other Machinery......Coir Manufactory.
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Branch Office at Quilon.

Agent... ... ...D. G. Cameron
Engineer ... ...J. S. Lumsden.

Quilon Standard Life Assurance Company.

D. G. Cameron ... ...Agent.

Newspapers in Travancore.

Trevandrum—"Travancore Government Gazette" in English and Malayalim published every Tuesday.

Nagercoil—"The Travancore Times," an Anglo-Tamil paper, Published Tri-monthly. Proprietor and Editor—P. C. Joseph.

Verapoly—"The Trumpet of the Voice of Truth" in Malayalim published Bi-monthly.

Cottayam—"The Malayala Mitram," in Malayalim published monthly, Issued from C. M. S. Press.

PRINTING ESTABLISHMENTS IN TRAVANCORE.

Situation.	Talook.	Proverty.	Names of Presses	Directors of the Presses.	Nature of Works done.	Remarks.
Puttum	Trevandrum.........	Puttum	Keralodayem ...	Achoocootty	Vidyavilasini and other useful books.	
Sreecuntaswarem...	Do.	Vunjiyoor ...	Karalavilasem ...	P. Krishna Pillay	Keralachundrika & some useful Ta. & Mal. books.	
Verapoly	Paravoor	Verapoly	Archiepiscopal Press of the Immaculate Conception............	Revd. Fr. Boneventura of St. Francis D. C. M. A.	Devotional & historical works, Gazette, viz., "The trumpet of the Voice of Truth" and Circular letters of the Archbishop	It is to be observed that all these Presses are not the property of the Mission, but under the authority of the Vicar Apostolic, and no books can be published without previous permission of the Vicar Apostolic.
Velianado ...	Changanacherry ...	Velianado ...	St. Joseph's......	Puthenpurakel Coorien Kuruvilla..............	Religious books	
Alleppey	Ambalapolay	Alleppey	Carmel............	Samuel Appoo..............	Reli. and Classical books	
Mananam ...	Yetumanoor	Mananam ...	St. Joseph's......	Revd. Fr. Cyriacus Elisha Superior of the Convent..................	Devotional books and Circular letters	
Cottayam......	Cottayam............	Cottayam......	Church Mission Press	C. M. S. Press Committee..................	Printing in Malayalam and English, book and Job work, Forms of all kinds, Binding &c.	Applications for estimates for Binding or Printing or purchase of materials to be addressed to Mr. G. Frantz Superintendent, C. M. Press, Cottayam.
Nagercoil......	Augusteeswarom...	Kottar	London Mission Press	Revd. W. Lee...	Books in Tamil, Mal. & English. Printing and Binding of all kinds......	
Dewsagaya street Nagercoil	Do.	Do.	Victoria Press...	P. C. Joseph	Newspaper, Book and Job Printing	Application for Printing, Binding &c., to be addressed to Mr. P. C. Joseph, Nagercoil.

GOVERNMENT OF FORT ST. GEORGE.

His Excellency The Right Honorable M. E. Grant Duff,
Governor, &c. &c. &c.

MEMBERS OF COUNCIL.

His Excellency Lt. General Sir Frederick Sleigh Roberts, G. C. B., C. I. E., V. C. Bart, Appointed Commander-in-Chief and Second in Council, 18th June, 1881. Took his seat 28th November 1881.

The Honorable D. F. Carmichael, C. S., Third in Council, took his seat 10th ecember 1878.

The Honorable H. E. Sullivan, C. S., Fourth in Council, took his seat 12th June 1882.

COUNCIL FOR MAKING LAWS AND REGULATIONS.

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His Excellency the Right Honorable M. E. Grant Duff.

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His Excellency Lt. General Sir Frederick Sleigh Roberts, G. C. B., C. I. E., V. C.
Honorable D. F. Carmichael, C. S.
" H. E. Sullivan.
" Patrick O'Sullivan, Advocate General.
" C. G. Master, Chief Secy. to Government (*on leave.*)
" E. F. Webster Ag. Do.
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" Col. I. H. M. Shaw Stewart, R. E.

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" Mir Humayun Jah Bahadur.
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J F. Price, Esq. ...	...Chingleput.
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W. P. Austin, Esq. ...	...Acting.
H. Sewell, Esq. ...	...Trichinopoly.
A. Cruickshank, Esq.	...South Arcot.
H. P. Gordon, Esq. ...	...Bellary (*on Furlough.*)
H. St. A. Goodrich, Esq.	...Acting.
A. J. Stuart, Esq. ...	...North Arcot.
H. E. Stokes, Esq. ...	...Salem (*on other duty.*)
C. D. Macleane, Esq.	...Acting (*on priv. leave.*)
L. Moore, Esq. ...	...Acting.
W. H. Glenny, Esq.	...Kurnool.
J. G. Horspall, Esq.	...Ganjam.
N. A. Roupell, Esq.	...Anantapur (*on Furlough.*)
C. W. W. Martin, Esq.	...South Canara (*on other duty.*)
J. Sturrock, Esq. ...	...Acting.

Royal Family of Cochin.

HIS HIGHNESS

RAMA WURMAH,

KNIGHT COMMANDER OF THE MOST EXALTED ORDER OF THE STAR OF INDIA,

MAHA RAJAH OF COCHIN.

Born 11th May 1835.

Ascended the Musnud 28th March 1864.

BROTHER OF THE RAJAH.

His Highness

VEERACARALA WURMAH,

Elliah Rajah of Cochin.

Born 30th August 1846.

COUSINS & NEPHEWS OF THE RAJAH.

His Highness Veeracarala Wurmah,

First Prince of Cochin.

Second Son of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 13th February 1850.

His Highness Rama Wurmah,

Second Prince of Cochin.

Eldest Son of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 6th January 1852.

His Highness Veeracarala Wurmah,

Third Prince of Cochin.

Second Son of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 9th September 1854.

Fourth Prince of Cochin.

Eldest Son of His Highness' Second Sister
Her Highness Kavoo Amah Tambooran.
Born 6th October 1858.

Fifth Prince of Cochin.
Eldest Son of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 30th December 1861.

Sixth Prince of Cochin.
Second Son of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 5th December 1863.

Seventh Prince of Cochin.
Second Son of His Highness' Second Sister
Her Highness Kavoo Amah Tambooran.
Born 13th December 1863.

Eighth Prince of Cochin.
Eldest Son of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 12th September 1865.

Ninth Prince of Cochin.
Fourth Son of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 18th November 1865.

Tenth Prince of Cochin.
Third Son of His Highness' Second Sister
Her Highness Kavoo Amah Tambooran.
Born 29th November 1865.

Eleventh Prince of Cochin.
Third Son of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 27th February 1866.

Twelfth Prince of Cochin.
Eldest Son of His Highness' Cousin
Her Highness Ikoo Amah Tambooran.
Born 20th June 1868.

Thirteenth Prince of Cochin.
Fourth Son of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 31st October 1869.

Fourteenth Prince of Cochin.
Second Son of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 29th April 1870.

Fifteenth Prince of Cochin.
Second Son of His Highness' Cousin
Her Highness Ikoo Amah Tambooran.
Born 13th July 1870.

Sixteenth Prince of Cochin.
Eldest Son of His Highness' Cousin
Her Highness the late Cheria Ikavoo Amah Tambooran.
Born 28th January 1871.

Seventeenth Prince of Cochin.
Second Son of His Highness' Cousin
Her Highness the late Cheria Ikavoo Amah Tambooran.
Born 25th January 1873.

Eighteenth Prince of Cochin.
First Son of His Highness' Eldest Sister
Her Highness Coonjee Pilla Amah Tambooran.
Born 2nd December 1873.

Nineteenth Prince of Cochin.
Third Son of His Highness' Cousin
Her Highness the late Cheria Ikavoo Amah Tambooran.
Born 22nd March 1874.

Twentieth Prince of Cochin.
Fourth Son of Her Highness the late
Cheria Ikavoo Amah Tambooran.
Born 8th November 1875.

Twenty-first Prince of Cochin.
Eldest Son of Her Highness Mungoo Amah Tambooran
(Eldest Daughter of Her Highness
Cunjee Pilla Amah Tambooran.)
Born 15th August 1876.

Twenty-second Prince of Cochin.
Fourth Son of Her Highness Kavoo Amah Tambooran.
Born 13th November 1876.

Twenty-third Prince of Cochin.
Third Son of Her Highness Ikoo Amah Tambooran.
Born 11th March 1877.

Twenty-fourth Prince of Cochin.
Second Son of Her Highness
Koonjee Pilla Amah Tambooran.
Born 6th February 1878.

Twenty-fifth Prince of Cochin.
Second Son of Her Highness Mangoo Amah Tambooran
(Eldest Daughter of Her Highness
Coonjee Pilla Amah Tambooran.)
Born 26th May 1878.

Twenty-sixth Prince of Cochin.
Eldest Son of Her Highness Coonjee Pilla Amah Tambooran
(Daughter of Her Highness Ikavoo Amah Tambooran.)
Born 25th September 1881.

Twenty-seventh Prince of Cochin.
Third Son of Her Highness Coonjee Pilla Amah Tambooran.
Born 7th November 1881.

Twenty-eighth Prince of Cochin.
Third Son of Her Highness Ikavoo Amah Tambooran.
Born 12th December 1881.

Twenty-ninth Prince of Cochin.

Third Son of Her Highness Mungoo Amah Tambooran
(Eldest Daughter of Coonjee Pilla Amah Tambooran.)
Born 25th December 1881.

Thirtieth Prince of Cochin.

Eldest Son of Her Highness Mungoo Amah Tambooran
(Third Daughter of Coonjee Amah Tambooran.)
Born 25th January 1883.

Thirty-first Prince of Cochin.

Fourth Son of Her Highness
Coonjee Pilla Amah Tambooran.
Born 8th August 1883.

MOTHER OF THE RAJAH.

Her Highness
The Wallia or Senior Amah Tambooran.
Born 3rd May 1814.

AUNTS OF THE RAJAH.

Her Highness Coonjee Amah Tambooran.
Born 7th December 1832.

Her Highness Mungoo Amah Tambooran.
Born 30th September 1839.

SISTERS OF THE RAJAH.

First Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 3rd July 1840.

Second Sister
Her Highness Kavoo Amah Tambooran.
Born 2nd October 1842.

FEMALE COUSINS OF THE RAJAH.

Her Highness Ikavoo Amah Tambooran.
Eldest Daughter of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran
Born 29th June 1841.

Her Highness Ikoo Amah Tambooran.
Second Daughter of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 22nd April 1843.

Third Daughter of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 16th April 1858.

Fourth Daughter of His Highness' Eldest Aunt
Her Highness the late Coonjee Amah Tambooran.
Born 8th April 1862.

Second Daughter of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 1st October 1859.

Third Daughter of His Highness' Second Aunt
Her Highness Coonjee Amah Tambooran.
Born 28th June 1862.

Fourth Daughter of His Highness 'Second' Aunt.
Her Highness Coonjee Amah Tambooran.
Born 19th Kumbhum 1050.

Eldest Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 10th June 1856.

Second Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 3rd February 1866.

Third Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 23rd June 1872.

Fourth Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 21st May 1875.

Fifth Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 17th September 1877.

Sixth Daughter of His Highness' Third Aunt
Her Highness Mungoo Amah Tambooran.
Born 8th May 1880.

NIECES OF THE RAJAH.

Eldest Daughter of His Highness' Eldest Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 16th April 1859.

Second Daughter of His Highness' Eldest Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 27th April 1863.

Third Daughter of His Highness' First Sister
Her Highness Coonjee Pillah Amah Tambooran.
Born 24th September 1867.

Eldest Daughter of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 12th October 1861.

Second Daughter of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 26th November 1867.

Third Daughter of His Highness' Cousin
Her Highness Ikavoo Amah Tambooran.
Born 18th August 1875.

First Daughter of Her Highness
Kava Amah Tambooran.
Born 26th February 1869.

Second Daughter of Her Highness
Kava Amah Tambooran.
Born 25th November 1873.

Third Daughter of Her Highness
Kava Amah Tambooran.
Born 4th June 1878.

Fourth Daughter of Her Highness
Kava Amah Tambooran.
Born 22nd April 1880.

Fifth Daughter of Her Highness
Kava Amah Tambooran.
Born 28th July 1882.

First Daughter of Her Highness
Ikoo Amah Tambooran.
Born 14th February 1869.

First Daughter of Her Highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of Her Highness
Mungoo Amah Tambooran.)
Born 23rd June 1876.

Second Daughter of Her Highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of Her Highness
Mungoo Amah Tambooran.)
Born 20th February 1878.

Third Daughter of Her Highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of Her Highness
Mungoo Amah Tambooran.)
Born 22nd December 1879.

Fourth Daughter of Her Highness
Coonjee Kava Amah Tambooran
(Eldest Daughter of Her Highness
Mungoo Amah Tambooran.)
Born 26th May 1883.

First Daughter of Her Highness
Mungoo Amah Tambooran
(Eldest Daughter of Her Highness
Coonjee Pilla Amah Tambooran.
Born 23rd December 1879.

First Daughter of Her Highness
Coonjee Kava Amah Tambooran
(Third Daughter of Her Highness
Coonjee Amah Tambooran.)
Born 12th March 1878.

First Daughter of Her Highness
Coonjee Pilla Amah Tambooran
(First Daughter of Ikavoo Amah Tambooran.)
Born 22nd July 1869.

First Daughter of Her Highness the late
Cheria Ikavoo Amah Tambooran
(Daughter of Coonjee Amah Tambooran.)
Born 27th June 1869.

First Daughter of Her Highness
Mungoo Amah Tambooran
(Third Daughter of Her Highness
Coonjee Amah Tambooran.)
Born 29th July 1870.

First Daughter of Her Highness
Cheria Ikavoo Amah Tambooran
(Fourth Daughter of the late Coonjee Amah Tambooran.)
Born 12th February 1882.

LIBRARY
NO.

GOVERNMENT OF COCHIN.

HUZUR CUTCHERRY.

T GOVINDA MENONE,

Dewan of Cochin.

A. Sankariah, B.A. ... ...Dewan Peishcar.
Madaven Ellayada ... ...Deputy Peishcar.
Francis Rice ... ...Secretary to the Dewan.
Rengappachariar ... ...Dalwaye.
A. Shungoony Mamudi Nair ... ...Huzur Sheristadar.
Uppathora Iyen... ... ...Police Sheristadar.
P. A. Stevenage... .. ..Head Clerk.
Krishna Menone ... ...Wallia Sumprethy.
Uluthra Warrier ... ...Head Rayasom.
Chukrapani Marar ... ...Commercial Accountant.
Ambatta Shupoo Cootty Menon ...Treasurer.

(Subordinate to the Huzur are 7 Districts.)

——— ... ...English Tutor to the Princes.

TAHSILDARS' CUTCHERRIES.

K. Narayana Menon, B. A. ... ...Cannianore.
Venkataswara Iyen ... ...Cochin.
P. Shungoony Menon ....Mukundapurom.
K. Kunhikrishna Marar ... ...Trichoor.
Venkita Krishna Iyen... ... ...Thalapilly.
P. Gopala Menon, B. A. (Acting) ... ...Chittoor.
K. Atchutha Menon ... ...Cranganoor.
V. L. Narasimha Iyer (Police Ameen) (Ag.).Nemary.

POLICE.

G. H. Gunther ... ...Superintendent of Police.
Holm Chund Lal ... ...Head Qr. Inspector.

HIGH SCHOOL, ERNACOLUM.

A. F. Sealy, M.A.... ...Director of Education & Hd. Master.
H. Kendall ... ...Second Master.
Soobramania Iyen, B.A. ... ...Asst. do.

and Fourteen Assistant Masters.

DISTRICT SCHOOLS.

S. Sivarama Pillay ... ...Master, Trichoor.
Tharain ... ... Do. Cunnencollum.
K. Srinivasa Row ... ... Do. Chittoor.
M. S. Krishna Iyer, ...Acting Do. Irinjalacodah.
Nilacanda Putter ... ... Do. Muttoncherry.

HUZUR REGISTRATION OFFICE.

T. C. Cochunny Menon ... ...(Ag.) Huzur Registrar.
George Abraham ... ...Deputy do.

DISTRICT REGISTRARS.

G. Vencata Row... ... ...Canniauore.
P. Kittunny Menone ... ...Cochin.
Chundera Shekara Iyen... ... ...Moogoondapooram.
M. Muthu Pillay... ... ...(Ag.) Trichoor.
Paramasura Iyen ... ...Tallapilly.
T. Cochunny Menon ... ...(Ag.) Chittoor.

COURTS OF LAW.

APPEAL COURT OF LAW (At Ernacollum.)

V. Subramanya Pillai, B. L. ... ...First Judge.
S. Locke, Barrister-at-Law ... ...Second Judge.
C. Subbaraya Aiyer, B. A. & B. L. ...Third Judge.
John Augustus ... ...(Ag.) Registrar.

ZILLAH COURT OF ANJEKAMIAL (At Ernacollum.)

T. C. Poonen, B.A., Barrister-at-law ...Judge.

ZILLAH COURT OF TRICHOOR (At Trichoor.)

Turoovengadachariar, B.A. & B.L. ...Judge.

MUNSIFFS.

R. K. Vencata Row ... ...Ernacollum.
B. Fenn... ... ...Chittoor.
A. Achutha Menone ... ...Wadakancherry.
Mahadeva Iyen ... ...Eranjalicodah.
T. Rama Pishrody ... ...Trichoor.

COURT OF APPEAL FROM THE DECISIONS OF THE SPECIAL MAGISTRATE.

S. Locke, Barrister-at-Law ... ...Special Appellate Judge.

SPECIAL MAGISTRATE FOR THE TRIAL OF OFFENCES COMMITTED BY EUROPEAN BRITISH SUBJECTS.

H. W. Hudson.

CIVIL OFFICERS AT OUT-STATIONS.

H. W. Hudson... ... ...Controller of Forests.
J. C. Kohlhoff ... ...Conservator Do.
J. Kohlhoff ... ...Supt. of Cardamom Hills.
John Carlos ... ...Supt. of Customs.
P. R. Bennett ... ... Do. of Teak Plantations.

MEDICAL DEPARTMENT.

Surgeon Major W. H. Morgan.
Medical Officer to the Cochin Government.

MEDICAL SUBORDINATES.

D. Gunther ... ...Sub-Assistant Surgeon.
R. P. Gunther ... ...Assistant Apothecary.

VACCINATION.

Medical Officer to the Cochin Government.
General Superintendent.

The Establishment consists of one Dy. Insptr. & 5 Vaccinators.

PUBLIC WORKS DEPARTMENT.

H. W. Hudson, Engineer.

H. E. Augustus ... ...Head Accountant.
H. A. D'Mello ... ...Supervisor.
C. W. Lafrenais ... ... Do.
Albert M. Gunther ... ... Do.

SIRKAR PRINTING PRESS.

Francis Rice,
Secretary to the Dewan, ex-officio in charge of the Press.

TRAVELLER'S BUNGALOW.

From		*Eng. miles*	
Ernacollum	*to*		By back-water from Ernacollum to Caroopadanah.
Caroopadanah	...	...	
Caroopadanah	*to*		On the high road from Cochin to Paulghaut.
Caroovanoor	...	10½	
Trichoor ...	...	10	
Putticaud	...	8⅜	
Kakaad ...	...	14½	Between Chowghaut and Tirtallah to Trichoor.
Bolinjampurah ...		...	On the high road from Paulghaut to Pulachy.
Wadakancherry ...		...	Do. do. from Trichoor to the Railway Station at Shoranore.
Wallanghy ...		...	Do. do. from Paulghaut to the Nilliampathy Hills.

BRITISH TOWN OF COCHIN.

CIVIL AUTHORITIES.

H. Subbaraya Aiyar ...Subordinate Judge, Joint Magistrate, Registrar of Shipping, and Examiner of Civil and Military Pensioners.

P. J. Kuryan ...Sheristadar & Nazir Subordinate Judge's Court.
T. K. Matthai ... ...Head Clerk do do.
K. Krishna Menon ...Record-keeper.
Mark A. Platel ...Tahsildar, 2nd Class Magistrate, Marriage Registrar, & Officer in charge of the Jail.

V. Kannen Nayr ... ...Pleader.
R. Gayathri Pattar ... ... do.
D. R. Veigas ... ... do.
Srinivasa Ayyangar ... ... do.
H. M. Walker... ... ... do.
K. Mani M·ni... ... ... do.
G. F. Pereira ... ... do.

JUSTICES OF THE PEACE.

R. K. Gahan Esq.
J. H. Aspinwall Esq.
G. Brunton Esq.
J. Grieve Esq.
W. N. Black Esq.
C. B. Sparrow Esq.

POLICE ESTABLISHMENT.

Syed Abdulkader Saib ...Inspector of Police.
Joseph Eyles ... ...Chief Head Constable.
Ramoony Nair ... ...2nd Grade Constable in charge Town Station.
Poken ... ...4th do.
Ramen Nair ... ...4th do.

MARINE DEPARTMENT.

R. K. Gahan...Port Officer, Superintendent of Mercantile Marine, Govt. Surveyor & Conservator of the Port of Cochin.

C. Raberts... ... ...
Egesippe Pinto ... ...
} Government Pilots.

CUSTOMS DEPARTMENT.

Thomas Barboza ... ...Superintendent of Customs.
I. Frank...... ... ...Assistant do. do.
Subramanya Iyen ... ...Head Clerk.

MEDICAL DEPARTMENT.

Brigade Surgeon W. H. Morgan... ...Civil Surgeon.
S. Soobramanya Pillay ... ...Civil Dispensary.
Ram Dose, Civil Hospital Asst. ... ...Do.
Mrs. Grace V. Spooner,...Certificated Sick Nurse, and Diplomæd Midwife.

TELEGRAPH DEPARTMENT.

F. R. DeMarsac, Chief Supt. of Tels ...Malabar Coast Division.
P. M. Madge, Assistant Superintendent.Cochin Sub-Division.
S. O. Robertson, Tel. Master in charge..Cochin.
R. Thompson Acting Deputy Tel. Do.. Do.

Postal Department.

J. Bower... ...Supt. of Post Offices Head Qrs. Palamcottah.
T. D. Dinwiddie Do. do. Do. Calicut.
E. M. Dawes ...Examiner Postal Accounts Hd. Qrs. Beypore.
David Paul ...Inspector of Postal Offices Hd. Qrs. Tellicherry.
Miss M. Maiden... ... ...Post Mistress Cochin.
B. Ahmed Khan... ... ...Head Clerk Do.
T. Madamuthoo Pillay ... ...2nd Clerk Do.
L. X. D'Cruz ... ...3rd Do. Do.
S. S. Alvares ... . Money Order Clerk Do.
A. Gonsalves ... ...Probationary Do.
C. M. Wirghese... Mail Overseer, Cochin Alleppey Line.
Meeran Moidin... ... Do. Do. Shoranore Do.

Ecclesiastical Department.

Church of England.

No Chaplain at present.
Alfred Forbes Sealy, M. A. ... } Lay Trustees of the Government Church.
J. H. Aspinwall ... ... }
W. H. Morgan, Acting... ... }
Revd. K. Kuruwella ...Native Pastor of St. Andrew's Church.

Protestant Boys' School.

A. F. Sealy, M. A., Lay Trustee ... ...Manager.
G. Verghese ... ...Head Master.
and 4 Assistant Masters.

Protestant Girls' School.

UNDER THE SUPERINTENDENCE OF A LADIES' COMMITTEE.

A. F. Sealy, M. A., Lay Trustee ... ...Manager.
Miss A. Dalton ... ...Head Mistress.
and 2 Assistant Mistresses.

Vicar Apostolic of Malabar.

Rev. Fre. Camillus O. C. D. ... { Missionary Apostolic Vicar in the Town of Cochin.
Rev. Fre. T. Mendez ... ...Assistant.
Rev. J. Fonceca D'Almeida ...Vicar of the Church at Vypeen.

St. Joseph's College—Cochin.

Brother Michael, T. O. C. D. ... ...Superior.
Brother Zerome ... ... }
Mr. M. Gomez, F. A., ... }
Mr. A. J. Mani ... ... }
Mr. T. Calister ... ... } Masters.
Mr. V. Thomas ... ... }
Mr. L. Lonen ... ... }
Mr. Krisnen ... ... }
Rev. Fre. Camillus ... ... Manager of Schools.
About 200 boys attend this Institution.

CONVENT GIRLS' SCHOOL—COCHIN.

Mrs. M. D'Silva... ... ...Superioress.
Miss Batchelor ... ...Head Teacher.
Miss A. Everett... ... ... }
Miss E. Everett... ... ... } Assistant Teachers.
Miss E. Everett... ... ... }

90 East Indian Girls and 39 Native Girls attend this School Malayalam is taught by 2 Native Teachers.

BISHOPRIC OF COCHIN.

Rev. J. B. Gomez ... ...Vicar of the Church at Amarapathy.

BANK OF MADRAS.

A. C. Cavendish... ... ...Agent.
William Nighton ... ...Accountant.

COCHIN CLUB.

Committee.

W. H. Morgan.	A. C. Cavendish.
A. F. Sealy.	W. N. Black.

S. Locke ... ...Honorary Secretary.
C. S. Mahomed Shah ... ...Clerk.

MERCANTILE FIRMS.

	RESIDENT PARTNERS OR AGENTS.
Aspinwall & Co. ...	...J. H. Aspinwall, William N. Black, } Partners.
Volkart Brothers ...	...O. M. Raphaels, Agent. W. Klein Assistant.
Peirce Leslie & Co. ...	...D. S. Gilkison, Partner. W. Cattrell, Agent.
Dassabhoy Merwanjee & Co.	Takersey Ketsey.
J. F. Perreira & Co.	J. F. Perreira.
Andris D'Cruz & Son	Adris D'Cruz.
O. S. Ganapathy	Opendra Chetty Ganapathy.
A. Pochont	A. Pochont.
Geo. Brunton	Geo. Brunton.
P. Marcar	P. M. Marcar.
James Darragh & Co.	James Darragh, Partner. J. Grieve, Agent.
Sparrow & Co. ...	C. B. Sparrow.

Damjee Ooka & Co.
Govinjee Gopaljee.
Hadjee Issa Sala Mahamed & Sons.
Hadjee Kassim Hadjee Abdoolatiff.
Hadjee Moosa Hadjee Hamad.
Mooljee Jetta & Co.
Samjee Padamjee.

Agents for Lloyds.
Peirce Leslie & Co.—Agents.

New Swiss Lloyd Transport Insurance Company.
Volkart Brothers—Agents.

North German Fire Insurance Company.
Volkart Brothers—Agents.

London and Lancashire Fire Insurance Company.
Volkart Brothers—Agents.

Transatlantic Fire Insurance Company.
Volkart Brothers—Agents.

Commercial Union Assurance Company.
Peirce Leslie & Co.—Agents.

Standard Life Assurance Company.
Peirce Leslie & Co.—Agents.

Home & Colonical Marine Insurance Company (Limited.)
Peirce Leslie & Co.—Agents.

Positive Government Security Life Assurance Company (Limited.)
Aspinwall & Co.—Agents.

Mercantile Marine and Fire Insurance Company of South Australia.
Aspinwall & Co.—Agents.

The Marine Insurance Company (Limited.)
Aspinwall & Co.—Agents.

Northern Assurance Company.
Aspinwall & Co.—Agents.

Merchants' Marine Insurance Company (Limited.)
Geo. Brunton—Agent.

The Queen Fire Assurance Company.
Geo. Brunton—Agent.

Union Insurance Society of Lanton (Limited)
Peirce Leslie & Co.—Agents.

Guardian Fire Life Assurance Company (Limited.)
Geo. A. Jung & Co.—Agents.

The Universal Marine Insurance Company (Limited.)
Geo. A. Jung & Co.—Agents.

Oriental Government Security Life Insurance Company (Limited.)
Andris D'Cruz & Son—Agents.

Indian Guarantee & Suretyship Association (Limited.)
Andris D'Cruz & Son—Agents.

Asiatic Steam Navigation Company (Limited.)
Peirce Leslie & Co.—Agents.

British Indian Steam Navigation Company (Limited.)
Aspinwall & Co.—Agents.

Clan Line of Steamers.
Peirce Leslie & Co.—Agents.

The British & Foreign Marine Insurance Company (Limited.)

James Darragh & Co.—Agents.

North British & Mercantile Fire Insurance Co.—
James Darragh & Co.—Agents.

The Bombay & Persia Steam Navigation Company (Limited.)
Volkart Brothers—Agents.

Brunton's Patent Presses.
George Brunton, M. I. C. E.

Cochin Civil Dispensary.

Brigade Surgeon W. H. Morgan	Civil Surgeon, in charge.
Soobramany Pillay	1st Class Hospital Asst.

Cochin Friend-in-need Society.

MANAGING COMMITTEE.

A. F. Sealy.
W. H. Morgan.
S. Locke.
J. Grieve.

O. M. Raphaels.—Honorary Secretary and Treasurer.

Cochin Steam Mills (Limited.)

W. N. Black..
O. M. Raphaels } Directors.

Aspinwall & Co.—Honorary Secretaries and Treasurers.

Cochin Library and Reading Room.

MANAGING COMMITTEE.

G. Brunton—President.

W. N. Black.	G. Fernandez.
O. M. Raphaels.	S. Robertson.
M. A. Platel.	Srinivasa Iyengar.

G. Lafrenais—Honorary Secretary and Treasurer.
C. Isaaks—Librarian.

SOCIETY OF ST. VINCENT DE PAUL.
St. Francis Conference—Cochin.

P. Vieyra	...President.
J. L. D'Silva	...Vice President.
N. Papi	...Secretary.
G. Fernandez	...Treasurer.

DEPARTMENT PUBLIC WORKS, COCHIN.

J. B. Sanderson	...Sub-Engineer, 3rd grade.
————	...Talook Overseer.
Mr. T. Perreira ...	... Do. Do.

MUNICIPAL COMMISSIONERS FOR THE TOWN OF COCHIN AND ITS SUBURBS.

G. McWatters Esq.—Ag. Collector of Malabar and President
Brigade Surgeon W. H. Morgan—Vice President.

Messers M. A. Platel.	Messers V. Kannen Nair.
" B. Frank.	" A. Cavendish.
" Ad. Pochont.	" O. M. Raphaels.
" A. A. Pitter.	" D. Viegas.
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PART III.

Miscellaneous Matter.

ABSTRACT OF LEGISLATIVE ENACTMENTS, TRAVANCORE.

Enacted by His Highness the Maha Rajah of Travancore on the 28*th Coombhum,* 1010, (9*th March,* 1835.)—REGULATION I.—Extending powers vested in the Moonsiffs, and defining their jurisdiction. [*Partly repealed by Regulation I. of* 1057.]

REGULATION II.—Authorizing Moonsiffs to assemble District Punchayets for the adjudication of Civil Suits within their respective jurisdictions and of Suits referred by the Zillah Courts to the Moonsiffs, and defining the powers and authority to be vested in Punchayets. [*Repealed by Regulation I. of* 1057.]

REGULATION III.—Empowering Moonsiffs to execute all decrees on decisions passed in Adawlut Cases by the Appeal, Zillah, and Moonsiff Courts, and by Punchayets. [*Partly repealed by Regulation I. of* 1057.]

REGULATION IV.—Extending jurisdiction of Zillah Judges. [*Partly repealed by Regulation I. of* 1057.]

REGULATION V.—For the guidance of the Appeal Court.

REGULATION VI.—Giving greater efficiency to the System of Police established in Travancore.

REGULATION VII.—Constituting the Zillah Courts, Criminal Courts of their respective Zillahs, and appointing the Judges of the Appeal Court, Circuit Judges, and defining their respective powers.

Enacted on the 13*th Toolam,* 1023, (28*th October,* 1847.)—REGULATION I.—Investing the Sub-Officers of the different Districts in Travancore with authority to exercise the powers of the Police Officers in their absence.

Enacted on the 1*st Chingum,* 1025, (15*th August,* 1849.)—REGULATION I.—Reducing the number of Moonsiffs from twenty-five to sixteen, and relieving those Officers of the duty imposed on them by Regulation III of 1010, (*i. e.* of executing decrees passed by the Appeal and Zillah Courts;) and empowering the Zillah Courts to enforce such decrees, and also better regulating the numbering and issuing of stamped cadjans. [*Repealed by Regulation I. of* 1057.]

Enacted on the 1*st Menum,* 1025, (12*th March,* 1850.)—REGULATION II.—Providing for admission on the Files of the Law Courts, and for disposal of Suits "*in forma pauperis.*" [*Repealed by Regulation I. of* 1057.]

Enacted on the 6th Coombhum, 1032, (*16th February*, 1856.)—REGULATION I.—Abolishing the Circuit Courts, and establishing Sessions Courts in Travancore.

Enacted on the 2nd Eddavum, 1035 (*13th May*, 1860.)—REGULATION I.—Establishing Port Dues at Alleppey.

Enacted on the 23rd Toolam, 1036, (*6th November*, 1860.)—REGULATION I.—Reducing the rate of Port Dues payable at Alleppey. [*Partly repealed by Regulation I of* 1058.]

Enacted on the 1st Chingum, 1037, (*15th August*, 1861.)—REGULATION I.—Abolishing the three Sessions and five Zillah Courts, and constituting the Appeal or Sudr Court and four Zillah or District Courts, the Courts of Joint Criminal and Civil Jurisdiction. [*Partly repealed by Regulation I. of* 1057.]

Enacted on the 1st Chingum, 1037, (*15th August*, 1861.)—REGULATION II.—Simplifying the Procedure of the Courts of Civil Judicature.

Dated 29th Toolam, 1038, (*13th November* 1862.)—Rules of Practice passed by the Sudr Court under Sec. 26 of Reg. I of 1037 for the guidance of the Zillah Civil Judges and constituting them Judges of Small Causes.

Enacted on the 27th Eddavum, 1039, (*7th June*, 1864.)—REGULATION I.—Providing for the protection of the British Electric Telegraph in Travancore.

Enacted on the 31st Carcadagum, 1039, (*13th August*, 1864.)—REGULATION II.—Securing Copy-right to the Authors of Books in Travancore for a space of 42 years.

Enacted on the 6th Magarum, 1040, (*17th January*, 1865.)—REGULATION I.—Providing specially against Criminal Breach of contracts on the part of Artificers, Workmen, and Labourers.

Enacted on the 27th Magarum, 1040, (*7th February*, 1865.)—A Regulation for the appointment of duly qualified Vakeels to plead in the Courts.

Enacted on the 13th Chittray, 1040, (*24th April*, 1865.)—REGULATION II.—To provide for the adjudication of claims to Waste Lands, with rules for the sale of the same.

Enacted on the 12th Audy, 1040, (*26th July*, 1865.)—REGULATION III.—To provide for the Limitation of Suits.—[*Amended by Regulation II of* 1042.]

Enacted on the 19th Auvany, 1041, (*2nd September*, 1865.)—REGULATION I.—Amending Regulation I of 1037. [*Partly Repealed by Regulation I. of* 1057.]

Enacted on the 27th Chittray, 1041, (*8th May*, 1866.)—REGULATION II.—To provide for the revision of the Jurisdiction of the Moonsiffs in Travancore. [*Partly repealed by Regulation I. of* 1057.]

Enacted on the 28th Audy, 1041, (*14th August*, 1866.)—REGULATION III. of 1041.—To provide for the admission of Approvers.

Enacted on the 29th Audy, 1042, (*12th August*, 1867.)—REGULATION I.—To establish an improved system of Registration of Deeds in Travancore.

Enacted on the 31st Audy, 1042, (*14th August*, 1867.)—REGULATION II.—To amend Regulation III of 1040 (to provide for the limitation of suits.)

Enacted on the 20th Puratasy, 1043, (*5th October* 1867.)—REGULATION I.—To provide for the admission of Vakeels in Criminal cases.

Enacted on the 4th Magarum, 1047, (*16th January*, 1872.)—REGULATION I. of 1047.—To make clearer provision for the conduct of business in the Sadr Court of Travancore.

Enacted on the 3rd Carcadagum 1047 (*16th July*, 1872.)—REGULATION II. of 1047.—To redistribute Magisterial powers and provide certain rules of procedure in Courts of Criminal Jurisdiction in Travancore.

Enacted on the 4th Cunny 1049, (*18th September*, 1873.)—REGULATION I. of 1049.—To establish a Zillah Court at Alwaye. [*Repealed by Regulation I. of* 1057.]

Enacted on the 29th Toolam 1050. (*13th November*, 1874.)—REGULATION I. of 1050.—To provide against certain abuses in Native Passenger Ships.

Enacted on the 23rd Panguny 1051, (*3rd April* 1876.)—REGULATION I. of 1051.—To provide against unauthorized lotteries.

Enacted on the 30th Meenum 1052, (*10th April*, 1877.)—REGULATION I. of 1052.—To provide punishment for certain offences relating to marriage.

Enacted on the 1st Madom 1052, (*12th April*, 1877.) REGULATION II. of 1052.—To vest in Magistrates and certain Sub-Magistrates co-ordinate Jurisdiction with the Zillah Criminal Courts, to try cases of Criminal breach of contract.

Enacted on the 19th Mithunom, 1052 (*1st July*, 1877.)—REGULATION III. of 1052.—To amend REGULATION I. of 1042, for the Registration of deeds.

Enacted on the 13th Dhanoo 1053. (*26th December* 1877.)—REGULATION I of 1053.—To empower the Sub-Officers of a District to dispose of Police cases during the Tahsildars' tours on duty.

Enacted on the 23rd Magarom 1053. (*3rd February* 1878.)—REGULATION II. of 1053—To revise the existing scale of Court fees and to impose fees on Vakaluths, Petitions and other documents presented to the Courts.

Enacted on the 3rd Carkadakum 1054, (*17th July* 1879.)—REGULATION I. of 1054.—To lay down clearly the law relating to the collection of the Abkary Revenue.

Dated 30th Carkadakum 1054—RULES for registering Transfers of Property.

Enacted on the 31st Carkadakum 1054 (*14th August* 1879.) REGULATION II. of 1054—To prevent thefts of Coffee.

Enacted on the 32nd Carkadakum 1054 (*15th August* 1879.) REGULATION III. of 1054—To remodel the constitution of the Sadr Court. [*Repealed by Regulation II of* 1057.]

Enacted on the 2nd Carkadakum 1055 (*15th July* 1880.)—REGULATION I. of 1055.—Fixing the limits of time for the presentation of Appeals under Regulation I. of 1054.

Enacted on the 12th Makaram 1056, (*23rd January* 1881.)—REGULATION I. of 1056.—Providing against trespass by Cattle.

Enacted on the 23rd Mithunum 1056 (*5th July* 1881.)—REGULATION II. of 1056.—Introducing the Indian Penal Code and the Whipping Act as the Penal Law for Travancore.

Enacted on the 23rd Mithunum 1056, (*5th July* 1881.)—REGULATION III. of 1056.—Introducing the Indian Criminal Procedure Code as the Code of Procedure for the Courts of Criminal Judicature in Travancore.

Enacted on the 3rd Carkadagom 1056, (*17th July* 1881.)—REGULATION IV. of 1056.—Providing for the better regulation of the Police in Travancore.—[*Amended by Regulation II of* 1058.]

Enacted on the 27th Cunny 1057, (*11th October* 1881.)—REGULATION I. of 1057.—Providing a consolidated and amended Law relating to the Zillah and Munsiffs Courts in Travancore.

Enacted on the 7th Magaram, 1057, (*18th January*, 1882)—REGULATION II. of 1057.—Reconstituting the Sadr Court and for making Provision for the better administration of justice in Travancore.

Enacted on the 14th Magaram 1057, (*25th January*, 1882.) REGULATION III. of 1057.—Destruction of useless records.

Enacted on the 24th Meenum 1058, (*5th April* 1883 (REGULATION I of 1058.—A Regulation to amend Regulation 1 of 1036 (Reducing Port dues at Alleppey.)

Enacted on the 19th Edavom 1058, (*31st May* 1883)—REGULATION II of 1058.—A Regulation to amend Regulation IV of 1056. (A Regulation for the better regulation of the Police in Travancore.)

Enacted on the 13th Carcadagom 1058, (*27th July* 1883)—REGULATION III of 1058.—To provide for the Registration of titles in land, for the establishment and maintenance of Boundary marks and for the settlement of boundary disputes in the territories of Travancore.

PROCLAMATION

BY

His Highness Sri Patmanabha Dasa Vanchi Bala Rama Varma Kulasekhara Kiritapati Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsher Jang, Grand Commander of the Most Exalted Order of the Star of India, F. M. U. Maharaja of Travancore, issued under date the 21*st May* 1883 *corresponding with the 9th Edavom* 1058.

WHEREAS by a Proclamation dated the 8th Cumbhum 1033 No. 3039, the subjects of this State were prohibited under penalties, from felling Palmyra, Jack and other assessed trees without the permission of Our Government, and whereas it is represented to Us that owing to the operation of this rule, Our subjects find it very inconvenient to obtain timber for building and other uses, and have to submit to much annoyance and petty oppression from the lower officials through whom the necessary inquiries are made, We are hereby pleased to repeal the Proclamation of 1033 above cited, and to declare that no previous permission from Our Government need be sought hereafter for felling and using or for otherwise disposing of any tree which is the private property of the person wishing to so fell or dispose of the same, as We are persuaded that no person will fell a productive or otherwise useful tree, and that even useless trees cut down are replaced by the owner by new trees planted in his own interest.

This Proclamation however does not apply to Teak, Cole teak, Black-wood, Ebony and Sandal-wood which will continue, as heretofore, to be reserved as Royalties.

SIGN MANUAL.

PROCLAMATION

BY

His Highness Sri Patmanabha Dasa Vanchi Bala Rama Varma Kulasekhara Kiritapati Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsher Jang, Grand Commander of the Most Exalted Order of the Star of India, F. M. U. Maharaja of Travancore, issued under date the 26th May 1883 *corresponding with the 14th Edavom* 1058.

WHEREAS We consider it desirable to introduce a Revenue Survey and Assessment in Travancore as the basis of a sound administration of the land revenue, and whereas We have commanded Our Dewan to carry out this important measure with due regard to the interests of all concerned, We are pleased to notify as follows:—

All proprietors and occupants of land should produce before Our officers appointed for conducting the settlement operations all documents, accounts and muniments of title which may be in their possession to show their right to the properties owned or occupied by them, to admit of their titles and the tenures on which they hold the properties being properly investigated and recorded.

All proprietors and occupants should likewise clear and mark at their own expense, and accurately point out when called upon to do so, the boundaries of their holdings and be present in the field with the settlement officers to afford them every help and information necessary to facilitate their work.

The stones required to mark the boundaries of all private properties shall be supplied and fixed by the proprietors or occupants of those properties—failing which the required boundary stones will be supplied from Government depots and fixed by the Settlement Department, all expenses incident thereto being recovered as arrears of revenue from the defaulting proprietors or occupants.

All Our Revenue officers and servants from the Dewan Peishcars down to the Proverticars will afford Our Survey and Settlement Officers every assistance and facility needed by them in the performance of their duties.

For the successful carrying out of so important a work as an accurate survey and re-assessment of the lands in Our territories on which the well-being and prosperity of Our subjects will depend, We enjoin the most cordial co-operation and harmony of action between Our Survey and Settlement Officers and Our revenue servants of all grades, and the willing assistance and loyal obedience of all proprietors and occupants of land whose interests it is sought to promote by the proposed measure.

SIGN MANUAL.

PROCLAMATION
By

His Highness Sri Patmanabha Dasa Vanchi Bala Rama Varma Kulasekhara Kiritapati Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsher Jang, Grand Commander of the most Exalted Order of the Star of India, F. M. U. Maharaja of Travancore, issued under date the 1st *October* 1883 *corresponding with the* 16th *Kanni* 1059.

WHEREAS it has been represented to Us that in consequence of the very depressed state of the coffee industry, the coffee planters in Travancore desire that the export duty be raised to five per cent in substitution of the land tax of 12 annas an acre, and whereas We desire to afford every reasonable help to those who have embarked in this industry, We are hereby pleased to notify that Coffee Estates held on the terms of the Memorandum of 8th March 1862 or under the Rules of 24th April 1865, shall, until further notice, be exempted from the payment of the land tax of twelve annas an acre from and after the 1st July 1883 and that in substitution thereof, the present export duty of two and a half per cent be raised to five per cent on all coffee exported from the Kingdom on and after the 1st October 1883—subject to all the rules applicable to the levying of the present export duty in respect of conversion from weight to measure and other particulars.

Note

Present Tariff valuation

	Rs.	As.	
Peeled Coffee	20	,,	per cwt.
Parchment Coffee	16	1	do.
Cherry Coffee	10	12	do.

We reserve to Ourselves the right of re-imposing the land tax of twelve annas an acre if the prospects of coffee improve and of reducing the export duty again to two and a half per cent. Also, in the terms of the title deed under which coffee lands are held "if the export duty is eventually given up, the assessment on coffee lands will be raised in due proportion."

SIGN MANUAL.

REGULATION I OF 1058.

WHEREAS it is expedient to amend Regulation I of 1036, We are pleased to enact as follows :—

I. Section III of Regulation I of 1036 is hereby repealed and the following Section is substituted for the same.

" Section III. Provided that no such dues as aforesaid shall be chargeable at the Port on the same vessel oftener than once in 30 days in respect of coasting steamers and oftener than once in 60 days in respect of all other vessels."

Section II. This Regulation shall come into force on the fifth day of April 1883 and shall be read with and taken as part of Regulation I of 1036.

5th April 1883.

SIGN MANUAL.

REGULATION II OF 1058.

A Regulation to amend Regulation IV of 1056 (A Regulation for the better regulation of the Police in Travancore) passed by His Highness the Maha Rajah on the 31st May 1883 corresponding with the 19th Edavom 1058.

Preamble.

Whereas it is expedient to amend Regulation IV of 1056 (A Regulation for the better regulation of the Police in Travancore); We are pleased to enact as follows :—

Amendment of Section 23 of Regulation IV of 1056.

Section 23 of the said Regulation shall be read as if it contained the following words after the word "town" in the said Section :—"Or other place to which this Section shall by Notification in Our Government Gazette be especially extended by Our Dewan."

SIGN MANUAL.

REGULATION III OF 1058.

A Regulation to provide for the registration of titles in land, for the establishment and maintenance of Boundary marks and for the settlement of Boundary disputes in the territories of Travancore, passed by His Highness the Maha Rajah of Travancore on the 27th July 1883 *corresponding with the* 13th *Carcadagom* 1058.

Preamble.

WHEREAS it is expedient, with a view to the better definition and security of landed property, the prevention of encroachments and disputes, and the identification of lands assessed to or exempted from the public revenue in Travancore, that provision should be made for the registration of titles in land, for the establishment and maintenance of permanent marks to distinguish the boundaries of fields, holdings, estates, villages or other sub-divisions and for the settlement of boundary disputes and claims ; It is hereby enacted as follows :—

Short title.

I. This Regulation may be cited as "The Travancore Boundary Regulation" and it shall come into force on the 16th Carcadagom 1058. / 1st August 1883.

Revenue settlement officer &c. may require owners or occupants to register and produce title deeds before survey.

II. It shall be lawful for any revenue settlement officer or for the Dewan Peishcar or for any other officer appointed by Our Governmemt for the purpose,

to call upon the owners or occupants of lands about to be surveyed and settled or regarding which any boundary disputes exist, and also on all persons claiming to have any right or interest in such lands,

(a) to register the rights and titles exercised or claimed by them in such lands and

(b) to produce before him for inspection, examination and registry all grants, title deeds, accounts or other documents connected with their claims.

Settlement officer &c. may fix boundaries and require owners &c. to clear boundary line and maintain boundary marks.

III. It shall be lawful for any such officer aforesaid to demarcate and fix the boundaries of fields, holdings, estates, villages or other subdivisions, and for that purpose, to require the owners or occupant of such fields, holdings, or estates and the ryots of villages or other subdivisions,

(a) to clear the boundary line where overgrown with jungle and also

(b) to set up, form or repair and maintain boundary marks, of such materials, and in such number and manner, as may be determined by such officer, under the direction of Our Government, to be sufficient to distinguish the limits of the field, holding, estate, village or other subdivision; or

(c) to render such aid and labor as may be necessary to clear the boundary and to set up, form or repair and maintain such marks.

Requisition to be in writing and served.

IV. (1) The requisition shall be in writing and shall be served on the owners or occupants of fields, holdings or estates or the ryots of villages or other subdivisions.

Mode of service if the party be absent.

(2) In the event of such persons not being found in their usual place of residence the notice shall be posted in a conspicuous spot in the Proverti or Village in which the boundary line is to be cleared or the boundary marks are to be set up, formed, repaired or maintained and such posting shall be held to be sufficient service notwithstanding it may afterwards appear that the owners or occupants or ryots were not correctly named or designated in the said notice.

In default of compliance, officer may order erection or repair of marks at parties' expense.

V. On failure of the owners or occupants of fields, holdings, or estates or the ryots of villages or other subdivisions to comply with such requisition, it shall be lawful for such officer aforesaid,

(a) to clear the boundary line,

(b) to cause the erection or repair of the necessary boundary marks, and

(c.) to recover the cost thereof from the owners or occupants of such fields, holdings or estates; or, when the cost is chargeable to the ryots of a village or other sub-division, from such ryots by an equitable apportionment on the land revenue payable by each in the said village or sub-division.

Such cost shall be recovered in the same manner as arrears of land revenue.

Cost of certain boundary marks chargeable to Government.

VI. The cost of boundary marks for all lands being the property of Our Government, including unregistered tracts and fields, and jungles and hills in Government lands, shall be charged to Our Government.

Penalty for failure to attend.

VII. (1) Any occupant or owner of land or other person whose attendance may be necessary under section II or for any other purpose under this Regulation, but who, on being summoned by such officer, shall refuse or fail to attend; and

For refusal or failure to give information.

any person who having attended in obedience to the summons shall wilfully refuse or neglect to give any information and to produce any document in his possession in respect of the matter under inquiry,

shall be liable, by order of such officer aforesaid, to a fine not exceeding 50 rupees, commutable to imprisonment in default of payment, according to the scale prescribed by section 67 of the Penal Code (Regulation II of 1056)

How levied

(2) Such fine shall be levied by warrant under the hand of the officer imposing it in the same manner as a fine imposed by a Criminal Court.

Record of Boundary marks to be in triplicate.

VIII. On the completion of the demarcation of any Proverti or other sub-division of a Taluq, the settlement or other officer aforesaid shall cause a specification of the number, size and description of boundary stones or marks fixed in such Proverti or other Sub-Division to be drawn up in triplicate.

And signed by officer, &c.

Such specification shall be signed by the settlement or other officer aforesaid or by such person as may be authorized by him in that behalf, and also by the Proverticar or other head of the Proverti or other sub-division aforesaid.

And filed with settlement records and in the taluq & village.

One Copy shall be placed on the settlement records, another in the Tahsildar's Kacheri and remaining copy left with such Proverticar or other head of the Proverti or other Sub-division.

Revenue Department and owners &c. responsible for maintenance of the marks.

Such boundary stones or marks shall thenceforward be held to have been made over to the charge of the Proverticar or other head of the Proverti, or other sub-division, and to that of the owners or occupants of the fields or lands which such stones or marks serve to distinguish, and it shall be the duty of the Dewan Peishcar and his subordinates to see that such stones or marks are duly preserved.

Village officer to report to Tahsildar erasure &c. of Boundary mark.

IX. If any such stone or mark is found to have been erased, altered, injured or removed, the Proverticar or other head of the Proverti or other sub-division shall make an immediate report of the fact to the Tahsildar to whom he is subordinate and prosecute the offender before the Magistrate having jurisdiction.

X. Any person convicted before a Magistrate of having wilfully and without lawful excuse, erased, altered, removed or injured any boundary marks whatsoever, whether established under this Regulation or otherwise existing, or any survey or other marks or any marks set up for the purpose of the investigation or adjudication of disputes by an officer of Our Government or any person acting under his orders, shall be liable to a fine not exceeding 50 rupees for each mark so erased, removed or injured.

Penalty for erasing &c. marks.

Such fine shall include the cost of restoring the mark and shall be levied in the manner prescribed in Sec. VII of this Regulation. A portion of the fine not exceeding one-half of the whole may be awarded to the informer.

Provided always that the amount of fine imposed under this clause shall not be in excess of that which the Magistrate is competent to impose under the powers vested in him by the Code of Criminal Procedure (Regulation III of 1056)

Proviso.

XI. Whenever it may not be possible to detect the person who erased, altered, removed, or injured such boundary or survey marks, the settlement or other officer aforesaid may require the owners or occupants of the fields or lands which such marks served to distinguish, to repair or restore such marks, or may himself cause them to be repaired or restored and recover the cost thereof from the owners or occupants aforesaid; or, if there are no such persons forthcoming, then from the owners or occupants of adjacent lands or from the ryots of the Proverti or other sub-division, rateably in proportion to their land assessment.

Penalty how recovered when offender is not known.

Such cost shall be levied in manner prescribed in Sec. V of this Regulation.

XII. If any dispute arises in respect of a boundary, and if the parties interested desire that the matter shall be referred to arbitration, they may apply in writing to the settlement or other officer aforesaid, in person or by their respective agents specially authorized in this behalf, stating the particular matter in dispute and the settlement or other officer aforesaid may proceed to dispose of the case in the manner hereinafter provided.

Application for reference to arbitration.

XIII. The arbitrator shall be nominated by the parties in such manner as may be agreed upon between them.

Nomination of arbitrator.

If the parties cannot agree with respect to such nomination, or if the person whom they nominate refuse to accept the arbitration and the parties desire that the nomination shall be made by the settlement or other officer aforesaid, such officer shall nominate the arbitrator.

When officer to nominate arbitrator.

XIV. The settlement or other officer aforesaid shall, by order, refer to the arbitrator the matter in difference which he is required to determine, and shall fix such time as he thinks reasonable for the delivery of the award and specify such time in the order.

Order of reference.

When once the matter is referred to arbitration, the officer shall not deal with it, except as hereinafter provided.

XV. If the reference be to an even number of arbitrators, provision shall be made in the order for a difference of opinion among the arbitrators by the appointment of an additional arbitrator and by declaring that the decision shall be with the majority, if the major part of the arbitrators agree.

When reference is to two or more, order to provide for difference of opinion.

XVI. If the arbitrator, or, where there are more arbitrators than one, any of the arbitrators dies or refuses or neglects or becomes incapable to act, or leaves Travancore under circumstances showing that he will probably not return at an early date, the settlement or other officer aforesaid may in his discretion either appoint a new arbitrator in the place of the person so dying or refusing or neglecting, or becoming incapable to act, or leaving Travancore, or make an order superseding the arbitration, and in such case shall proceed to dispose of the matter himself.

Death, incapacity &c. of arbitrators or umpire.

XVII. Every arbitrator appointed under Sec. XV or Sec. XVI shall have the like powers as if his name had been inserted in the order of reference.

Power of arbitrator appointed under sections 15 and 16.

XVIII. The settlement or other officer aforesaid shall furnish the arbitrators, or so far as may be in his power, procure for them any information which his records or those of any public department may afford connected with the subject of enquiry.

Arbitrators to be furnished with information

He shall on the application of the arbitrators summon any witnesses whom the arbitrators may call for and whom the parties may not be able to produce before them without such process, and require the person so summoned to bring and produce before them all such books, papers, deeds, writings, maps and plans as they shall require.

Summoning witnesses.

Persons so summoned shall be subject to all the provisions of the Civil Procedure Code regarding persons summoned as witnesses before the Civil Courts.

XIX. If, from the want of the necessary evidence or information or from any other cause, the arbitrators cannot complete the award within the period specified in the order, the settlement or other officer aforesaid may, if he thinks fit, either grant a further time, and from time to time enlarge the period for the delivery of the award, or make an order superseding the arbitration, and in such case, may proceed with the case himself.

Extension of time for making award.

Supersession of arbitration.

XX. When an award has been made, the persons who made it shall sign it and submit it to the settlement or other officer aforesaid together with all the proceedings, depositions and other records connected with the case and give notice of their having done so to the parties.

Award to be signed and filed.

XXI. The settlement or other officer aforesaid may, on the application of either party, modify or correct an award,

Officer may, on application, modify or correct award in certain cases.

(a) where it appears that a part of the award is upon a matter not referred to arbitration, provided such part can be separated from the other part and does not effect the decision on the matter referred, or

(b) where the award is imperfect in form, or contains any obvious error which can be amended without affecting such decision.

When award or matter referred to arbitration may be remitted.

XXII. The settlement or other officer aforesaid may remit the award or any matter referred to arbitration to the reconsideration of the same arbitrators upon such terms as he thinks fit,

(a) Where the award has left undetermined any of the matters referred to arbitration, or where it determines any matter not referred to arbitration; or

(b) where the award is so indefinite as to be incapable of execution; or

(c) where an objection to the legality of the award is apparent upon the face of it.

Grounds for setting aside award.

XXIII. No award shall be set aside except on the ground of corruption or misconduct of the arbitrators.

Application to be made in 10 days.

Any application to set aside an award shall be made within 10 days after the same has been submitted to the settlement or other officer aforesaid.

Decision to be according to award.

XXIV. If the settlement or other officer aforesaid sees no cause to remit the award or any of the matters referred to arbitration for reconsideration in manner aforesaid, and if no application has been made to set aside the award or if the officer has refused such application,

the officer aforesaid shall, after the time for making such application has expired, proceed to pass a decision according to the award.

Boundary to be marked out accordingly.

A copy of such decision shall be duly furnished to the parties, and the officer aforesaid shall proceed to mark out the boundary in accordance therewith, subject to the provisions contained in this Regulation.

Decision final.

Such decision shall be final.

Certified copy of decision to be filed in the Civil Court.

XXV. A certified copy of every decision passed in accordance with the award of arbitrators under this Regulation, by the settlement or other officer aforesaid, shall be forwarded by him to the local Civil Court and be filed in its records.

Procedure when parties do not agree to refer their disputes to arbitration.

XXVI. When the parties concerned may not signify their agreement to refer their dispute to the final decision of arbitrators,

or when any of the parties interested or concerned shall after due notice fail to attend for the investigation of the same,

the settlement or other officer aforesaid shall proceed to investigate the claims, and, in the case of any party failing to attend as aforesaid, shall make an *exparte* investigation, and, after examination of the witnesses and documents, shall record his decision and the grounds therefor, and after duly informing the parties of the same, he shall proceed to mark out the requisite boundaries in accordance with the decision which, subject to the revision of the authority to whom the said officer is immediately subordinate, shall be considered as the determination of all claims and disputes until set aside by a formal decree of a Civil Court.

An appeal shall lie to the civil courts from this decision by regular suit provided it be preferred within 2 calendar months from the passing of the same.

Appeal.

Provided that it shall be lawful for the Dewan, on just and reasonable cause for the same being shown, to extend the time for such appeal to such further period as may seem proper, and an order or endorsement under the signature of the Dewan shall be sufficient authority for the Civil Court to entertain such appeal after the expiration of the time above specified.

Proviso.

XXVII. The proceedings of officers imposing charges or fines other than Magisterial fines under Sections V, VII and XI of this Regulation, shall be recorded in writing and shall be subject to revision by the authorities to whom such officers shall be immediately subordinate. An appeal shall also lie to the Dewan or to the settlement Dewan Peishcar, as the case may be.

Proceedings of officers imposing charges or fines.

Subject to revision.

And appeal.

XXVIII. All fines levied under this Regulation shall be carried to the credit of Our Government unless when otherwise provided.

Appropriation of fines.

XXIX. It shall be lawful for all officers of survey and settlement and other persons appointed by Our Government for the purpose of investigating, settling or marking boundaries of fields, holdings, estates, villages or other sub-divisions, or for the purpose of measuring, and assessing the same, and for all persons acting in aid and under the orders of such officers,

Officers empowered to enter and examine private lands.

to enter, examine, or measure, without let or hindrance, all lands whatever, whether such lands be the property of Government or of private companies or individuals;

and such officers aforesaid as well as workmen or other persons acting in aid of and under their orders, are hereby indemnified for what they or any of them shall do under the provisions of this Regulation.

XXX. If any person shall obstruct, molest or in any way interfere with any public servant conducting the registration, demarcation, measurement or assessment of lands or performing other duties provided for in this Regulation, such persons shall be liable on conviction before a Magistrate or other person exercising the powers of a Magistrate to a fine not exceeding 50 rupees, or, in default, to imprisonment not exceeding 2 months for the first offence and for a repeated offence to a fine not exceeding 150 rupees or imprisonment not exceeding 6 months.

Punishment for obstructing officers &c.

Provided however, that the Magistrate or other person aforesaid shall have power to punish under this clause only to the extent of his ordinary powers.

Proviso.

XXXI. It shall be lawful for Our Government to invest any of the subordinates of the ordinary revenue Establishments or of the settlement or survey Establishments with all or any portion of the powers conferred by this Regulation.

Government may invest any subordinate in the Revenue or Settlement or Survey Department with powers under this Regulation.

SIGN MANUAL.

ABSTRACT OF POSTAL RATES &c.,

DECEMBER 1882.

INLAND POSTAGE RATES.

PREPAID POSTAGE RATES.

Post-Cards.	Letters.			Ordinary Newspapers and Book and Pattern packets.		Privileged Newspapers			Parcels.		
Each.	Not exceeding ½ tola.	Exceeding ½ tola but not exceeding 1 tola.	For every additional tola or fraction thereof.	Not exceeding 10 tolas.	For every additional 10 tolas or fraction thereof.	Not exceeding 3 tolas.	Exceeding 3 tolas but not exceeding 10 tolas.	For every additional 10 tolas or fraction thereof.	Not exceeding 20 tolas.	Exceeding 20 tolas but not exceeding 40 tolas.	For every additional 40 tolas or fraction thereof.
anna.	anna.	anna.	anna.	anna.	anna.	anna.	anna.	anna.	annas.	annas.	annas.
¼	½	1	1	½	½	¼	½	½	4	8	4

UNPAID POSTAGE CHARGEABLE ON DELIVERY.

For an unpaid letter or book or pattern packet—double the prepaid rate.
For an insufficiently paid letter, or book or pattern packet—double the deficiency.
For an insufficiently paid or an unpaid parcel—the prepaid rate. (Partial prepayment of ordinary parcels cannot be recognised.)

SPECIAL RATES FOR REGISTRATION &c.

	Annas.
Registration Fee, to be prepaid by *stamps*—	
Each article	2
Acknowledgment of Receipt from Addressee, to be prepaid by *stamps* in the case of Registered Letters, and in *cash* in the case of Parcels	1
Insurance Fee, to be prepaid by *stamps* in the case of Letters and in *cash* in the case of Parcels—	
When the value certified does not exceed Rs. 50	2
Ditto ditto ditto ... ,, 100	4
For every additional Rs. 100 or fraction thereof...	4
Value-payable Commission (deducted from amount paid to sender)—	
When the value does not exceed ...Rs. 10	2
Ditto ditto ... ... ,, 25	4
For every additional Rs 25 or fraction thereof ...	4
Money Order Commission, to be prepaid in *cash*—	
On sums not exceeding ... ...Rs. 10	2
On sums exceeding Rs. 10 but not exceeding ... ... ,, 25	4
For every additional Rs. 25 or fraction thereof ...	4
Certificate of Posting, to be prepaid by *stamps* on the form presented.—	
Each article	½

ABSTRACT OF FOREIGN POSTAGE RATES.

HEAVY TYPE DENOTES COMPULSORY PRE-PAYMENT.

Certificate of posting—for each article ½ anna.

Registration is available for a prepaid article of any class addressed to a Union Country (but see exceptions in list below), and in some cases for prepaid letters (but letters only) addressed to Non-Union Countries; the registration fee (to be prepaid by stamps) is 2 ans. in all cases.

The acknowledgment fee (to be prepaid by stamps), for registered articles addressed to Union Countries, is two annas. For articles addressed to Non-Union Countries acknowledgments cannot be obtained.

Prepayment of Newspapers, sent at Newspaper rates, is compulsory. Legal or commercial documents addressed to Union Countries must be prepaid to the extent of two annas at least, a d printed papers, books and samples to the extent of one anna, or they will not be forwarded (unless addressed to the United Kingdom).

	Maximum Size.	Maximum Weight.	
Samples	8×4×2 inches	8 oz.	Except for the United Kingdom, Australasian or Cape Colonies to which the limit is 5 lbs.
Printed Papers, Legal or Commercial Documents	2×1×1 feet	4 lb. 6 oz.	

	Each letter per ½ oz.	Each Post-card.	Printed Papers including Books &c. — Each Newspaper per 4 oz.	Printed Papers including Books &c. — Each Packet per 2 oz.	Legal and Commercial Documents. Each Packet. — Not exceeding 4 oz.	Legal and Commercial Documents. Each Packet. — Per 2 oz. additional.	Samples Each Packet. — Per 2 oz.
	Ans	Ans.	Ans.	Ans.	Ans.	Ans.	Ans.
To the United Kingdom, *viâ Brindisi* ...	4½	1½	**1½**	1½	3	1½	1½
To any other Union Country (see list at foot) *viâ Brindisi* through the United Kingdom ...	**4½**	1½	**1½**	1½	3	1½	1½
Ditto (except Ceylon and Persia) when sent by any other route ...	3	1½	**1**	1	2	1	1
Ceylon, by *French Packet* through *Colombo* or by *P. & O. Steamer* ...	3	1½	**1**	1	2	1	1
Do. by *Indian Packet* or *Land Post* (no Book or other Packets sent by Land Post) ...	**2**	**1½**	**1**	**1**	**2**	**1**	**1**
Persia ...	2	1½	**1**	1	2	1	1
Australasian Colonies *(Non-Union)* ...	6	...	**1**	1½	3	1½	1½
Cape of Good Hope, Delagoa Bay, Natal *(Non-Union viâ Brindisi)* through the United Kingdom ...	9	...	**2**	2	4	2	2
Delagoa Bay (*Non-Union*) *viâ Aden* and *Zanzibar* ...	8	...	**1**	1½	3	1½	1½
To the United Kingdom *viâ Brindisi*, Soldiers' and Seamen's letters only ...	**1¾**	...	...	...	...	...	...
To the United Kingdom by *P. & O. Steamer*, Soldiers' and Seamen's letters only ...	¾	...	...	...	...	...	...

List of Union Countries.

Aden.	Guiana.	Peru.
Argentine Republic.	Hawai.	Portugal.
Austria.	Hayti.	Portuguese Colonies.
Belgium.	Heligoland.	Roumania.
*Berbera.	Hodeida	Russia.
Bermuda,	Holand.	St. Domingo.
Brazil.	Honduras.	Salvador.
Bulgaria.	Hungary.	Servia.
Canada.	India.	Seychelles.
Ceylon,	Italy.	*Souakim.
Chili.	Japan.	Spain.
China.	Jedda.	Spanish Colonies.
Costa Rica.	Labuan.	Straits Settlements.
Cyprus.	Liberia.	Sweden.
Danish Colonies.	Luxemburg.	Switzerland.
Denmark.	Malta.	*Tadjoura.
Dutch Colonies.	*Massowa.	Turkey.
Ecuador.	Mauritius.	United Kingdom.
Egypt.	*Mecca.	United States of America.
Falkland Islands.	Mexico.	United States of Colombia.
France.	*Mocha.	United States of Venezuela.
French Colonies.	Montenegro,	Uraguay.
Germany.	Newfoundland.	West Coast of Africa.
Gibraltar.	Nicaragua.	West Indies.
Gold Coast.	Norway.	Zanzibar.
Greece.	Paraguay.	*Zeyla.
Guatemala.	Persia.	

* Regarded as Union places, but no registration available.

GENERAL.

General Business Hours of the Post Office.—The hours during which the Post Office is open to the public for the transaction of business are given below:—

For disposal of references and applications	From 7 to 8 A. M., & from noon to 5. P. M.
,, registration ... ... ,, insurance... ... ... ,, posting parcels ... ... ,, posting value-payable articles ... ... ,, granting certificates of posting	From 7 to 8 A. M., & from noon to 5 P. M., unless otherwise notified.
,, the issue and payment of money orders ,, Savings Bank business ... ... ,, sale of Postal Notes ... ... ,, sale of Stock Notes	From noon to 4 P. M. unless otherwise notified.

Special Hours Locally notified.—Special hours of business, the hours for closing mails and for the delivery of mails, are notified at every Post office in a conspicuous place.

Post Office Holidays.—On Sundays and on the following Post Office holidays, New Year's Day, Good Friday, the Queen's Birthday and Christmas Day, the Post Office will not be open for disposal of references and applications, for the purposes of registration or insurance, for the receipt of parcels or value-payable articles, for granting certificates of posting, for the issue or payment of money orders, for the transaction of Savings Bank business or for the sale of Postal

Notes or Stock Notes. On these days postage stamps, envelopes and post-cards will not be available to the public unless the last day for closing the mail for Europe should fall on a Sunday or on any of the Post Office holidays.

RESPONSIBILITY OF THE INDIAN POST OFFICE.—The Indian Post Office is exempted by law from all responsibility in the case of any loss or inconvenience which may arise from the misdelivery, missending or non-delivery of any letter, post-card, newspaper, packet or parcel. It is also exempted from responsibility for any injury which the contents of any letter, packet or parcel may sustain during its transmission through the post. In the case of insured articles however, the Indian Post Office is responsible for their safe transmission under certain conditions which will be found stated in the Postal Guide.

POST OFFICE RECEIPTS.—A receipt will be given by the Post Office for every parcel or registered, or value-payable, article presented at the office window during the prescribed hours. This receipt will be given, when desired, in a sender's book, provided that the book is presented at the same time as the article with the address on the article written into it. In this case, however, a separate printed form of receipt will not be given. If several articles of the same class are presented at the same time on the part of the same sender, and bearing the same address, a single receipt, including all the articles, will be given, unless the sender demands a separate receipt for each article.

SPECIAL POSTAL ACKNOWLEDGMENTS.—The object of the Post Office in undertaking to obtain special acknowledgments is to afford the public an assurance on the part of the Post Office that the articles, for which these acknowledgments can be obtained, have reached the addressees.

ARTICLES FOR WHICH SPECIAL ACKNOWLEDGMENTS CAN BE OBTAINED.—The articles for which acknowledgments can be obtained are registered letters and packets, and ordinary parcels. In the case of insured articles the Post office always obtains an acknowledgment from the addressee for the sender.

POSTAL ACKNOWLEDGMENT FEE.—The fee for a special acknowledgment is one anna. It must be prepaid by postage stamps in the case of registered letters and packets, and in cash in the case of parcels.

POST-CARDS.

SPECIAL RULES AS TO ADDRESS, &C., OF POST-CARDS.—Nothing except the address may be written, printed or otherwise impressed on the face or stamped side of a post-card. No paper or other article may be attached to the card, and it may not be folded, cut or otherwise altered, though there is no objection to the stamp being perforated with initials for the prevention of theft. As an exception to this rule receipt or other adhesive stamps may be affixed to the back, or blank side, of *inland* post-cards.

PENALTY FOR BREACH OF RULES.—If any of the above rules should be infringed with regard to a post-card, it will be taxed on delivery with half an anna.

BOOK-PACKETS.

WHAT A BOOK PACKET MAY CONTAIN.—A book packet may contain:—

(a) Any quantity of blank paper, parchment or card-board.

(b) Books, whether blank or printed; newspapers and publications of all kinds; engravings, photographs, drawings,

plans, maps, printed music and proof sheets, with or without the manuscript relating thereto.

(c) And generally anything printed, engraved, lithographed or papyrographed on paper, parchment or card-board.

With the above articles may be sent any legitimate binding, mounting or covering, loose or attached, and anything that ordinarily appertains to such articles, as pens and pencils in the case of a pocket-book, photographs in the case of a photograph book, card plates in the case of visiting cards, &c. But no written communication of the nature of a letter, or having the character of a personal communication, may be enclosed with these articles or written upon them: this however does not exclude inscriptions or entries stating who the sender is or to whom the articles are to be given.

(d) Business papers, written or drawn wholly or partly by hand, not being of the nature of a letter or having the character of a personal communication, such as deeds, bills of lading, invoices, accounts, &c.

(e) Manuscript of all kinds, including manuscript music, not being of the nature of a letter or having the character of a personal communication. Manuscript sent to a newspaper for publication may also be sent as a book-packet even when it has the form and character of personal correspondence.

With any of the above-mentioned articles may be sent anything that is necessary for their safe transmission through the post, such as rollers, &c.

Conditions as to Size.—A book packet may not exceed two feet in length by one foot in width and one foot in depth: there is no express limit as to weight.

Conditions as to Packing.—A book packet must be posted either without a cover, or with a cover open at both ends, so as to admit of a ready examination of its contents.

PATTERN PACKETS.

Contents of Pattern Packets.—Pattern Packets may only contain *bona fide* trade patterns or samples of merchandise which must not possess any saleable value.

Conditions as to Size and Weight.—The size of a pattern packet must not exceed two feet in length by one foot in width and one foot in depth; and in weight it must not exceed forty tolas.

Conditions as to Packing.—A pattern packet must be posted either without a cover, or with a cover open at both ends so as to admit of a ready examination of its contents. An exception to this rule is made in favour of samples of seeds, drugs, and other articles which cannot be sent in open covers: such samples may be sent enclosed in boxes or bags, so long as they are fastened in such a way that they can be easily opened. They may also be sent in air-tight cases when necessary, provided that the nature of the contents is certified on the cover under the full signature and address of the sender.

PARCELS.

Conditions as to Weight and size of Parcels.—A parcel must not exceed 25 seers (2,000 tolas) in weight, and it must not be of a kind which, owing to size, shape, manner of packing or any other cause, cannot be carried without serious inconvenience or risk.

CONTENTS OF PARCELS.—Anything may be sent in a parcel excepting articles the transmission of which is prohibited; and any parcel may contain one written communication of the nature of a letter, or having the character of a personal communication, but no more than one.

REGISTRATION.

POSTAL ARTICLES WHICH CAN BE REGISTERED.—Any letter, post-card, book packet or pattern packet, can be registered for transmission by the Inland post. Parcels cannot be registered, as they are forwarded, in any case, under the same precautions as registered articles.

POST OFFICES AT WHICH SUCH ARTICLES CAN BE REGISTERED.—The postal articles enumerated above can be registered at any Post Office for transmission to any other Post Office.

MANNER OF REGISTERING.—Postal articles which the sender wishes to have registered must be presented at the Post Office window for registration.

PREPAYMENT OF REGISTRATION FEE AND POSTAGE COMPULSORY.—The postage and registration fee must be prepaid in stamps affixed to the postal article intended for registration. The registration fee is two annas for each postal article registered.

SENDER'S NAME AND ADDRESS ON COVER.—The sender of a registered article is recommended to write his name and address on the cover in the lower left-hand corner, so that the article, in case of non-delivery, may be returned to him *unopened and without delay.*

CASES IN WHICH REGISTRATION IS COMPULSORY.—Articles containing currency notes or a part of a currency note *must be registered,* and if any such article be found unregistered at any stage of its passage through the post, it will be registered, and a *double* registration fee charged on delivery, in addition to any other postage which may be due. The same procedure will be followed in the case of any article which manifestly contains a postage stamp or other stamp or label, or a cheque, hundi, bank note, bank post bill, bill of exchange or the like.

INSURANCE.

POST OFFICES AT WHICH ARTICLES CAN BE INSURED.—Registered letters, value pay-able registered letters, parcels and value-payable parcels may be insured at all Post Offices named in the list at the end of the Postal Guide, with the exception of those marked ¶¶; but insurance can only be partial in the case of Post Offices distinguished in that list by the sign ¶.

INSURANCE FEES.—The charge for insurance is as follows:—

When the value insured does not exceed......Rs. 50 As. 2
When it exceeds Rs. 50, but does not exceed.. „ 100 „ 4

and 4 annas for every additional rupees 100 or fraction thereof.

Partially insured articles will be charged only half the above rates.

CODITIONS AS TO PACKING.—The cover of an insured letter must be of strong paper, or other substantial material, securely closed and sealed (with distinct impressions of some device other than that of a current coin) at intervals not exceeding two inches along each fold or seam. As an additional precaution (if the contents admit of it), a thread should be passed through the cover and its contents and tied

the knot being placed under the central seal. An insured parcel must be securely packed in cloth or tin, and if it is packed in cloth, it must bear seals at intervals not exceeding three inches along each line of sewing.

* *Specimen of writing the certified value on the envelope.*

Certified value two hundred and seventeen (217) rupees.

To
A. B.,
&c. &c.

CERTIFICATE OF ACTUAL VALUE.—The *actual* value must be certified by the sender in figures and words, immediately above the address,* on the cover of the article; no correction or erasure is permisible in the writing or figures of the amount certified.

PREPAYMET OF INSURANCE FEE AND POSTAGE.—The prepayment of all charges on insured articles (*i. e.*, postage, registration fee, and insurance fee on letters, and postage and insurance fee on parcels) is compulsory. Prepayment must be made by means of stamps in the case of letters, and by cash in the case of parcels.

FAILURE TO COMPLY WITH CONDITIONS.—Articles not properly packed, or not fully prepaid, or not duly certified, or not accompanied by a declaration, will not be insured.

MANNER OF INSURING AND DECLARATION.—Articles intended for insurance must be presented at the window of the Post Office accompanied by a declaration of the value and contents. Forms of declaration, similar to specimen given below, can be obtained, *gratis*, from the Post Office.

Specimen of Declaration.

The accompanying letter (or parcel)
addressed to
Major G. H. Grantly,
15th Hussars,
Muttra.
Cotains the articles detailed herein, of the aggregate value of rupees (in words) *Two hundred and seventeen* (217) As.—...
Signature of sender,
Henry wood,
Agra.
Dated 1st April 1881.

DESCRIPTION OF CONTENTS.

Gverment Currency Notes.				Other Articles.	
Serial.		General No.	Value.	Description	Value.
Letter.	No.				
E	12	20,466	100	1 Silver Locket.	Rs. 17 A. 0
M	16	10,293	100		

Number to be filled in by the Post Office. } ———— D. O.

CASES IN WHICH INSURANCE IS COMPULSORY.—Coin, bullion, precious stones, and jewels can be sent by post only in insured registered letters or insured parcels.

VALUE-PAYABLE ARTICLES.

VALUE-PAYABLE ARTICLES.—WHAT THEY ARE.—Value-payable articles are articles with regard to which the Post Office undertakes to recover from the addressee on delivery a specified sum of money fixed by the sender, and to remit this sum, minus a commission, to the sender. Registered letters, parcels and registered book packets may

be sent as value-payable articles, provided that the amount to be recovered on any such article is not less than 4 annas nor more than Rs. 600, and that it does not contain a fraction of an anna.

POST OFFICES FROM AND TO WHICH THEY MAY BE SENT.—Value-payable articles can be posted at any Post Office that is a Money Order Office (except Aden and Zanzibar) for transmission to any other Post office that is a Money Order Office (except Aden and Zanzibar). All Post Offices that are Money Order Offices are distinguished in the list of Post Offices at the end of the Postal Guide by the letters "M. O." opposite their names.

MANNER OF POSTING.—Value-payable articles must be presented at the office of posting with a statement, in the prescribed printed form, shewing the amount to be recovered from the addressee on delivery. Copies of this form can be obtained, *gratis*, at the Post Office.

MANNER OF DELIVERY.—Intimation of the arrival of a value-payable article will be sent by the office of destination to the addressee with a form of receipt to be signed by him. Value-payable articles will be delivered at the Post Office to the addressees on payment of the amount entered in the intimation, including any postage that may be due, and on presentation of the signed receipt.

MANNER OF PAYMENT TO SENDER.—The amount when recovered from the addressee will be paid to the sender, by means of a money order, minus a commission calculated at the following rate:—

	Annas.
If the value does not exceed Rs. 10	2
If it exceeds Rs. 10, but does not exceed Rs. 25...	4
For every additional Rs. 25 or fraction of Rs. 25...	4

FOREIGN PARCEL POST.

POST OFFICES AT WHICH PARCELS CAN BE POSTED.—Parcels are received at any Post Office in India for transmission to the countries named below:—

Aden.	China (British Offices).	Holland (Netherlands).	Straits Settlements
Austria..	Denmark.	Hungary.	Sweden.
Belgium	France.	Norway.	Switzerland.
Ceylon.	Germany.		United Kingdom.

POSTAGE ON PARCELS.—The postage on parcels is eight annas for every pound or fraction of a pound. The postage must be paid *in cash* and prepayment is compulsory.

UNPAID AND INSUFFICIENTLY PAID PARCELS.—Unpaid and insufficiently paid parcels will not be forwarded from India.

CONTENTS OF PARCELS.—Anything may be sent in a foreign parcel except opium, liquids, or substances of a dangerous, damaging or offensive nature, such as gunpowder, glass, &c., the transmission of which is forbidden. Parcels addressed to the Straits may not contain specie.

CONDITIONS AS TO SIZE AND WEIGHT OF PARCELS.—A parcel may not exceed two feet in length by one foot in width and one foot in depth, nor may it measure *less* than three inches in length by two inches in width and two inches in depth; and it may not exceed fifty pounds in weight (39 tolas are reckoned as equal to 1 pound).

Conditions as to Value of Parcels. Parcels addressed to the United Kingdom or Ceylon may not exceed £50 in value: in the case of parcels addressed to other countries served by the Foreign Parcel Post no special rule as to value is laid down.

Conditions as to Packing.—Parcels should be securely packed; the public are specially warned against the use of flimsy covers, or covers likely to be detached in transit. Heavy articles are sometimes forwarded with only a paper covering insecurely fastened with twine: friction during transit destroys this covering, and damage or loss ensues. A stout covering of cloth sewn at the edges, or boxes of wood or tin, are recommended for parcels likely to suffer from pressure. Parcels containing valuables should be sealed.

* *Specimen form of declaration.*

This parcel addressed to—
Thomas B. Smith,
114, Piccadilly,
London.

Contains—	Value. £ s. d.
1 Piece Puttoo Cloth	2 0 0
1 Rampore Chudder	2 10 0
Total......	4 10 0

I declare the above to be a true statement of the contents and value.
(Signed) A. R. ROBINSON,
Amritsar.

Addresses on Parcels.—Declaration of Contents and Value.—Every parcel must bear the name and full address of the person for whom it is intended, and must be accompanied by a separate paper bearing the *address* of the parcel to which it relates, and a declaration of its *contents* and *value*, as well as the signature and address of the sender. The value must in all cases be stated in British *sterling* money. A specimen of the form of the declaration required is given in the margin.*

This declaration must be tendered by the sender with each parcel, at the time of posting.

Parcels and Declarations to be Enclosed in an Outer Cover.—Foreign parcels containing coin, bullion, precious stones and jewels, must be partially insured—at the rate of one anna for rupees 50: 2 annas for rupees 100, and 2 annas for every additional rupees 100 or fraction thereof. The partial insurance is intended to cover all risks during transit to the port of embarkation. Such parcels must be packed and sealed in the manner prescribed for insured parcels in the Postal Guide.

MONEY ORDERS.

Post Offices authorized to deal with Money Orders.—All Post Offices that are authorized to issue or pay money orders are distinguished in the list of Post Offices at the end of the Postal Guide, by the letters "M. O." against their names.

INLAND MONEY ORDERS.

Rates of Commission.—The commission charged on the issue of money orders is as shown in the margin.*

	Rs.	Rs.	A.
* On sums not exceeding........................	10.........	0	2
" exceeding Rs. 10, but not exceeding	25.........	0	4
" " " 25 " "	50.........	0	8
" " " 50 " "	75.........	0	12
" " " 75 " "	100.........	1	0
" " " 100 " "	125.........	1	4
" " " 125 " "	150.........	1	8

Limit of Value and Number of Money Orders.—The value of a money order may not exceed Rs. 150 and may not include the fraction of an anna. The same remitter will not be allowed to obtain in one day money orders for a sum exceeding Rs. 600 in the aggregate drawn on the same office or payable to the same person.

APPLICATIONS FOR MONEY ORDERS.—Applications for money orders must be written on one of the printed forms supplied *gratis*, by the Post Office. A separate application must be made out for each money order required.

ENTRIES IN APPLICATION.—The name of only one person may be entered in the application as remitter, and the name of only one person as payee, except in the case of firms, &c., whose usual designation must be given. All entries in the application must be written legibly and as completely as possible.

POST-CARDS MAY BE ATTACHED TO APPLICATION.—The remitter of a money order may attach to his application a post-card, and a post-card so attached will be delivered with the money order: the post-card should bear the name and address of the payee on the appropriate side, the reverse side being available for any instructions or communication desired to be conveyed to the payee.

TRANSMISSION OF MONEY ORDERS.—A remitter has nothing to do with transmission of the money order applied for by him, the Post Office undertaking the entire work of transmitting the money order. All that a remitter has to do after receiving a receipt for his application, is to await the receipt of an acknowledgment of delivery of the money order, or to represent to the Post Office any undue delay in the receipt of his acknowledgment.

CEYLON, CHINA, JAPAN, STRAITS, AND MAURITIUS MONEY ORDERS.—The foregoing rules apply generally to money orders drawn upon Ceylon, China, Japan, the Straits, and Mauritius, but no post-card may be attached to applications for such orders.

FOREIGN MONEY ORDERS.

* Belgium.	Queensland.
Canada.	South Australia.
Denmark.	Switzerland.
Germany.	Tasmania.
Heligoland.	United Kingdom.
Holland.	United States of America.
Italy.	Victoria.
Luxembourg.	Western Australia.
New South Wales.	

FOREIGN MONEY ORDERS.—Foreign money orders are money orders exchanged between India and the countries named in the margin.*

RATES OF COMMISSION.—The rates of commission are as follows :—

For Orders drawn upon the following countries, viz. Belgium, Denmark, Germany, Heligoland, Holland, Italy, Luxembourg, New South Wales, Queensland, South Australia, Switzerland, Tasmania, Victoria, Western Australia.

	Rs.	A.		Rs.	A
On sums not exceeding £2 ...	0	4	Exceeding £10 & not exceeding £12.	1	4
Exceeding £2 and not exceeding £ 5...	0	8	" £12 " " £15.	1	8
" £5 " " £ 7...	0	12	" £15 " " £17.	1	12
" £7 " " £10...	1	0	" £17 " " £20.	2	0

For Orders drawn upon the United Kingdom, the United States of America or Canada.

	Rs.	A.		Rs.	A.
On sums not exceeding £2	0	8	Exceeding £5 and not exceeding £ 7	1	8
Exceeding £2 and not exceeding £5......	1	0	" £7 " " £10	2	0

LIMITS OF VALUE AND NUMBER OF MONEY ORDERS.—The amount of a foreign money order must be expressed in British (*sterling*) money

and may not exceed £10 if payable in the United Kingdom, Canada, the United States of America or Tasmania, or £20 if payable in any other country mentioned above. No money order may contain a fraction of a penny, and no remitter will be allowed to obtain in one day more than four money orders payable to the same person.

REMITTER TO INFORM PAYEE OF HIS NAME.—It will be necessary for the remitter of a foreign money order *to write to the payee informing him of his (the remitter's) name as entered in the application.* The payee will receive the money order direct from the head money order office of the country of payment.

SCHEDULES SHOWING THE RATES OF EXCHANGE.—For the purpose of calculating the Indian equivalent of the amount of a foreign money order and the commission chargeable thereon, all Head Post Offices will be supplied with schedules drawn out at different rates of exchange, and will receive orders from time to time as to the particular schedule to be used in such calculations. Copies of the schedules can be seen at any Head Post Office.

INDIA POSTAL NOTES.

Note.—The following rules regarding Postal Notes *will not come into force until the* 1*st January* 1883.

DEFINITION OF TERM "POSTAL NOTE."—A "Postal Note" is a note granted by the Post Office for the payment of a certain sum of money on presentation of the note.

DEFINITION OF TERM "PURCHASER."—The "Purchaser" of a postal note is the person who buys it from the Post Office.

DEFINITION OF TERM "PAYEE."—The "Payee" of a postal note is the person to whom it is payable.

POST OFFICES AUTHORIZED TO ISSUE POSTAL NOTES.—All Post Offices are authorized to issue postal notes: the notes will always be procurable at a Head Post Office and generally at any Post office.

POST OFFICES AUTHORIZED TO CASH POSTAL NOTES.—All Post Offices are authorized to cash postal notes: when a note is presented for payment at a Sub Post Office there may be delay in procuring the money from the Head Post Office.

VALUE AND COST OF POSTAL NOTES.—There are three values of postal notes: each value is printed in a different colour. The cost of each value is shewn below:—

Value Rs. A.	*Colours in which printed*	*Cost including Commission.* Rs. A. P.
2 8	Black	2 9 0
1 0	Red.	1 0 6
0 8	Blue.	0 8 3

INSTRUCTIONS FOR THE PURCHASER.—The purchaser of a postal note should, before parting with it, enter on the reverse the payee's name and address: the purchaser should further keep a record of the number and date of the note and of the name of the Head Post Office of issue, so as to facilitate enquiry in case of loss.

INSTRUCTIONS FOR THE PAYEE.—The payee of a postal note must, before payment can be made, sign the receipt on the reverse of the note and enter the name of the Post Office at which the note is to be cashed.

Lapse and Forfeiture.—After the expiration of three months from the last day of the month of issue a postal note will lapse. A lapsed note will, on payment of a second commission, be payable during a further period of three months, at the expiration of which the note will be forfeited.

Payment of Postal Notes.—If a postal note be cut, defaced, mutilated, or altered, or if any erasure be made, payment will be refused. When once a postal note has been paid to whomsoever it is paid, the Post Office will not be liable to any further claim regarding it.

POST OFFICE SAVINGS BANKS.

Where and When Deposits may be Made.—Post Office Savings Banks are established at almost all Post Offices that are Money Order Offices (*except those in the Bombay Presidency*), and are open to receive deposits daily, with the exception of Sundays, and Post Office holidays, from noon till 4 P. M.

Who may Deposit—What Government Promises to do with Regard to Deposits.—At these Banks any person (man, woman or child) may deposit money. No sum less than four annas, and no sum that is not a multiple of four annas, can be received: no one is allowed (except in the case of Public Accounts) to deposit more than Rs. 500 in all in the year. Government promises to repay the money, with interest, to the person depositing it in his or her own name, whether man, woman or child. Parents and other relatives can also deposit money on behalf of minors, that is of persons who have not completed the age of 18 years, but Government will not pay this money during the minority of the minors to any one except their legal guardians.

Interest on Deposits how Calculated and Paid.—Interest is allowed, until further orders, at the rate of one pice, or three pies, a month on every complete sum of five rupees. It will be calculated on the lowest balance at the credit of an account between the close of the 4th day and the end of a month. The amount of interest will be added to each account once a year after the 31st March.

Declaration on making a first Deposit.—On making a first deposit the intending depositor must state his name, occupation and residence: if a native he must also give his father's name and caste. He must then sign the following declaration, or, should he be unable to write, affix his mark or seal to it at the post office in the presence of a witness who will attest it with his signature:—

Form of Declaration.

I hereby declare that the Post Office Savings Banks Rules have been read $\frac{\text{by me}}{\text{to me,}}$ and that I accept them as binding upon me. I further declare that I have no account in my own name at any post Office Savings Banks.

____

Depositor.

Depositor's Pass-book—Its Use and Importance.—A pass book will be given to every depositor free of charge when he makes his first deposit. This book will show, in the Vernacular of the district, or in English, as the depositor may wish, the number of his account, with the name of the office from which the book is issued, his own name, occupation and residence. Money cannot be paid in or taken out without the production of this book, and the Post Master will enter in it

every sum of money paid in or taken out, strike the balance on each occasion, and sign the entry and stamp it with the office stamp. The depositor must present the Pass-book after the 31st March of each year, in order that the interest due may be added to the principal in the book, and he must always carefully examine the entries made in his book before leaving the office. On no occasion should he allow the Pass-book to remain at the Post Office, unless his account is finally closed. The Pass-book is his private property and must be kept carefully in his own hands. Should he lose the book or allow it to be spoilt, he will have to pay one rupee for a fresh book.

How to Make Subsequent Deposits—Depositor at Sub Post Office Entitled to Special Receipt.—When a depositor wishes to deposit money after the first time, all that he has to do is to send or present the money with his book at the Post Office. If this money be paid in at a Sub Post Office, the depositor will receive, in addition to the receipt in the book, an acknowledgment by post from the Head Office. If this acknowledgment should not reach him, or if it should have any corrections in it, or should not tally with the entry in the book, he must write to the Post Master at the Head Post Office, the name of which is in his book, and should renew his application again and again until he receives a satisfactory reply.

How to withdraw Money.—A depositor may withdraw money once a week, the sum withdrawn must not be less than four annas, or a sum that is not a multiple of four annas. He must make an application on a printed form, which he can obtain at the Post Office. If he can write, he can sign the form and send it to the Post Office with his Pass-book. If he cannot write, he must attend the Post Office and affix his mark or seal to the form, to be attested by the signature of a witness. Payment will then be made to the depositor or to the person presenting the signed application and Pass-book, and his receipt taken, *in all cases without a receipt stamp*, on the order for payment. At a Sub-Post Office payment cannot be made until an order of payment is received from the Head Post Office. The depositor will be told on what day to come for the money, and on that day payment will be made, as above, to the person presenting his Pass-Book. If a depositor wishes to withdraw the whole of his money, he must follow the same procedure.

How to Transfer Deposits.—A depositor can transfer his deposit, without charge to any other Post Office that is a Savings Bank. If he should wish to transfer his account, he must present his Pass-Book at the Post Office, or he can send a written application asking for the transfer with his Pass-Book. The Pass-Book will be retained by the Post Master, and a receipt given to him showing the amount at his credit. On presenting this receipt at the Post office to which his account is transferred, he will receive a new Pass-book free of charge. A depositor in a District Savings Bank may, by application to the local Treasury, have his account transferred free of charge to any Post Office Savings Bank.

How Depositor can Obtain Further Information.—If any further information be required on any point connected with the Post Office Savings Banks, detailed rules will be found in the Postal Guide or can be seen at any Post Office.

Post Office Officials Bound to Secrecy.—The officers of the post office are not allowed to disclose the name of any depositor, or the amount deposited or withdrawn by him, to any one not belonging to the Postal Department.

INDIA STOCK NOTES.

STOCK NOTES PROCURABLE AT POST OFFICES.—Except within the limits

City of Calcutta.	Punjab.	
City of Madras.	Central Provinces.	
City of Bombay.	Berars.	
North-West Provinces.	Burma.	
Oudh.	Native States.	

of the Provinces and places noted in the margin, Government Stock Notes for Rs. 12-8, Rs. 25 and Rs. 50 can be purchased direct from any Head Post Office or obtained from a Head Post Office by application at any Sub Post Office. These Stock Notes bear interest at the rate of 4 per cent. payable annually at the Treasury.

RULES

Regarding the Unjel Department of the Travancore Government published for general information.

The attention of the public is invited to the following Unjel rules:—

It will be seen that they afford greater facilities for communication by the Unjel than the public have hitherto enjoyed.

The principal changes introduced by the rules are,

(1) That the postage on letters is assimilated as far as possible to the rates in British India.

(2) That the rates on book packets have been reduced to one half the former Unjel rates in conformity with the British rates.

(3) That the system of transmitting pattern packets on payment at the British rates is newly introduced for the convenience of the public in general and of traders in particular.

(4) That the registration fee on each letter has been reduced from 6 to 3 Chackrams.

(5) That book or pattern packets may be registered on payment of the still smaller fee of 3 Chackrams which is somewhat less also than even the British rate of 2 annas.

(6) That the Unjel department now undertakes to procure from the addressee an acknowledgment of receipt for registered articles, on payment of a fee of two Chackrams the British rate being 1 anna.

(7) That proof sheets and Press manuscripts may hereafter be sent by book post which is a cheaper medium than letter post, and

(8) That complaints against the Unjel office shall be carried free hereafter.

It is to be hoped that with these increased facilities afforded by the new rules, the Unjel will be more largely and generally availed of than it is at present.

LETTERS.

1. Letters weighing up to 20 Tolahs whether paid or service shall be sent by letter mail, and those exceeding that weight by the slower Banghy mail, but letters of an emergent character though weighing above 20 Tolahs may nevertheless be sent by letter mail, provided the charges are paid at letter rates in the case of private covers and provided the words "emergent" and by "letter mail" are written on the cover in the case of official letters.

Service Letters.

2. Heads of offices and departments are required to pay particular attention to the proper superscription of service letters &c. sent through the Sirkar Unjel. A specimen form of address is given in the margin. If the service covers from any office are not properly addressed and franked by the Head of each department or office or by a trustworthy subordinate specially authorized by him in writing for the purpose, they will be treated as private covers and charged at the prepaid rates.

> Office of the Trevandrum Division Peishcar
> On Sircar Service only
> To
> The Tahsildar,
> A. B.
> Division Sumprethy.
> Quilon.

3. The officer authorized as aforesaid to sign the cover, must enter in full his official designation, in order that his individual responsibility may be enforced in cases of doubt or fraud.

4. Government officers are bound to receive all service letters &c. addressed to them, paying any charge which may be made by the Unjel office on account of any irregularity or incompleteness of the address or signature.

5. The postage thus charged by the Unjel Department will be paid by the official to whom such cover is addressed; the addressee will, in due course, apply to the official from whose office the cover was despatched for the postage paid by him forwarding the cover as a voucher for the amount. The officer to whom such application has been made will use his discretion in recovering the postage from the person or persons in fault.

6. Letters sent by Government officers in their official capacity which relate nevertheless to the private interests and concerns of the individuals addressed, should be addressed according to the specimen form given in the margin under the full signature and official designation of the person by whom they are sent. Letters &c. so addressed shall be regarded by the Unjel office as private covers and charged on delivery with postage at prepaid rates instead of at double rates. Under this head come replies sent to communications of the kind named below.

> Office of the Trevandrum Division Peishcar
> Service Bearing
> To
> A. B.
> C. D.
> Dewan Peishcar Alleppey.

Petitions.
Applications for appointments.
Do. for transfer.
Enquiries about the title to leave &c.

Express Unjel.

7. The fee for expresses sent through the Sircar Unjel by the public is 1 Fanam per mile or a fraction of a mile. Letters sent by express must be registered, without which the Unjel authorities cannot claim a receipt from the addressee.

8. If the person to whom an express has been sent has left the station for another, it will be forwarded to him to the new station by the ordinary mail.

9. If the addressee be not found and if the Unjel Master be unable to find out his whereabouts, the letter shall be treated as unclaimed. It will be detained at the office of delivery for three weeks, and then returned to the sender.

Service Expresses.

10. Service expresses can be ordered only by the officers named in the margin. Such expresses shall not be accepted for despatch by Unjel Masters unless accompanied by written orders duly signed by the officers named.

Sarwadi Kariakar in behalf of H. H. the Maha Rajah.
Dewan.
Unjel Superintendent.

11. As the employment of expresses interferes greatly with the celerity and regularity of the ordinary mails and is attended with expense, trouble and inconvenience, this mode of conveyance must be resorted to as sparingly as possible.

12. The above rules regarding expresses do not in any way affect the existing arrangements for the transmission of articles, &c. by periodical expresses for the use of the palace.

Registration of Letters.

13. The fee for registration shall be 3 Chackrams. Only one receipt shall accompany every registered letter. The addressee's signature will be obtained in the recepit and the receipt recorded in the office of delivery. If the sender is desirous of obtaining an acknowledgment from the addressee he must give his name and full address at the time of presenting the letter and pay 2 Chackrams in addtion to the usual registration fee and postage.

14. Letters containing a currency note or any portion thereof, postage or other stamps, cheques, hundi, bank note, bill of exchange or the like must be sent registered. It is considered expedient for the safety of currency notes in transit, that they should be sent in halves.

15. The sender of a registered letter is required to see that it is enclosed in a cover or envelope of a substantial kind fastened in a secure manner. Sealing-wax with a distinct impression (other than that of the current coin) is recommended for fastening the cover instead of or in addition to any other means of fastening.

Newspapers.

16. Packets of newspapers weighing under 20 Tolahs will travel by the letter mail and those exceeding that weight by banghy mail.

Book and Pattern Packets.

17. Book and pattern packets must be packed in open covers.

18. Samples of seeds, drugs and such like articles which cannot be sent in open covers, may be packed in boxes or bags of linen or of other material, fastened in such a manner that they may be if necessary easily opened to enable the Unjel officers readily to satisfy themselves of the nature of the contents.

19. A book packet may contain newspapers, paper, any binding, covering, mounting or other appurtenances of books or maps.

20. Proof sheets, marked as such on the outside under the signature of the sender, may be transmitted by book post.

21. Press manuscripts intended for publication may also be transmitted by book post provided that the packet bears on the outside above the address the superscription 'Press manuscript' and is addressed to the office of a newspaper.

22. Pattern packet may contain only *bona fide* trade patterns or samples of merchandise.

23. No packet may exceed 2½ feet in length or 1½ in width or depth. Packets exceeding the prescribed dimensions shall be treated as parcels and charged accordingly.

24. Packets may be registered and acknowledgments obtained for them on prepayment of 3 Chackrams for the former and 2 Chackrams for the latter.

PARCELS.

25. The sender of a parcel is required to see to its secure packing and sealing. Cloth, wax-cloth or tin is recommended for a covering and if cloth or wax-cloth is used for this purpose the sender is required to seal it at intervals not exceeding 3 inches along the line of sewing.

26. The sender can claim a receipt from the Unjel office for a parcel only if it is packed according to the instructions given above and no separate fee will be charged for the receipt.

27. If the sender desires to obtain an acknowledgment from the addressee, he must prepay the acknowledgment postage 2 Chackrams independently of the parcel postage.

MISCELLANEOUS.

28. Letters &c. must be posted at least half an hour before the time fixed for the closing of the mail. Letters &c. posted after that time, will be stamped 'Too late' and detained for the following day's mail. The time of the closing of the mail will be notified by the Unjel master at every station. Letters &c. that are to be despatched by mails during night must be posted before 6 P. M. except under special orders to the contrary from the Unjel Superintendent.

29. The hours of registration of letters and parcels at every Unjel office shall be from 7 to 10 A. M. and from 12 noon to 5 P. M. Letters and parcels intended for any mail will not be despatched by that mail unless presented half an hour before it is closed. In no case will they be received during the hours of despatch or receipt of mails.

30. Registered letters and parcels (whether paid or service) will be delivered only to the addressees in the absence of written instructions from them to the local Unjel masters. Heads of offices and departments are therefore desired to make the necessary arrangements either to receive service registered letters and parcels themselves, or authorize the local Unjel Master to deliver them to any one whom they may authorize for that purpose.

31. Unjel peons are forbidden to deliver any letter or other article without requiring immediate payment of the amount due, or to deliver any registered letter or parcel without requiring the immediate signature of the receipt and acknowledgment.

32. Unjel peons are not bound to give change. If the amount charged is not at once tendered, or if the receipts or acknowledgments are not at once signed and the Unjel peons are subjected to detention, the letters &c. shall be taken back to the Unjel office for the next delivery.

33. Whatever postage is marked on a letter or other article, must be paid at once on delivery, after which, any complaint of overcharge may be made and will be duly attended to.

34. In all complaints of overcharge or unnecessary delay in delivering letters &c., the covers or envelopes bearing the Unjel Stamps must be presented for inspection.

35. Complaints against the Unjel office, certified as such under the full signature of the sender and addressed to the Unjel Superintendent, are not chargeable with postage.

36. Since Unjel peons cannot deviate on any account from their regular course of delivery in their respective beats, persons residing far away from the Unjel offices if desirous of obtaining their letters &c. immediately on arrival of the mail, must send their own authorized messengers to the Unjel office to whom all covers, except those for which receipts are required will be delivered.

37. Unclaimed letters &c. will be detained at the office of destination for 3 weeks, of which fact due notice will be given by the Unjel Master at every station, and after that period, they will be returned to the office of despatch for delivery to the sender.

38. Refused letters &c will be immediately returned to the office of despatch for delivery to the senders, who will be required to pay any postage which may be due thereon.

39. It is forbidden to send by Unjel explosive, dangerous or offensive substances or material such as gun-powder, matches, percussion caps, saltpetre, indigo, glass, liquids, &c. or any article which either in itself (however packed) or by reason of insecure packing may be liable to injure the contents of the mail bags or the person of the Unjel officers.

40. No address is complete which does not contain the Unjel station from which delivery is intended and care should always be taken to write the name of the Unjel station as clearly as possible.

41. Persons changing their place of residence are particularly required to leave written instructions at the Unjel office of their previous residence and to send written instructions to the Unjel office of the place to which they may be going.

42. The Unjel Master at any station or the person in charge of the Unjel office has power to refuse letters or other articles bearing the appearance of having been opened and reclosed or otherwise improperly dealt with unless the writer or sender thereof shall attest with his full signature that they were sent in that state. The refusal will be absolute in the case of registered letters and parcels.

43. Persons not belonging to the department shall not be admitted into the interior, nor permitted to examine the records, of any Unjel office without the special permission of the Dewan, to whom or to the Unjel Superintendent application for information or redress must be made either in person or in writing by the party requiring the same.

V. RAMIENGAR,
Dewan.

Huzur Cutcherry,
Trevandrum,
15th April 1882.

SCHEDULE No. 1.

Revised rates of Postage on Letters, &c. sent through the Sircar Unjel.

Rates of Postage on Letters.			Rates of Postage on Newspapers.			Rates of Postage on Book packets.			Rates of Postage on Pattern packets.			Rates of Postage on Banghy Parcels.						
Not exceeding in weight.	Postage.		Not exceeding in weight.	Postage.		Not exceeding in weight.	Postage.		Not exceeding in weight.	Postage.		Not exceeding in weight.	For distance.					
													Not exceeding 30 miles.		Not exceeding 100 miles.		Exceeding 100 miles.	
	Fs.	Chs.		Fs.	Chs.		Fs.	Chs.		Fs.	Chs.		Fs.	Chs.	Fs.	Chs.	Fs.	Chs.
½ Tola ...	,,	1	10 Tolas ...	,,	1	10 Tolas ...	,,	1	10 Tolas ...	,,	1	20 Tolas ...	,,	1	,,	2	1	,,
1 do. ...	,,	2	20 do ...	,,	2	20 do. ...	,,	2	20 do. ...	,,	2	50 do. ...	,,	2	1	,,	2	,,
2 do. ...	1	,,	30 do. ...	,,	3	30 do. ...	,,	3	30 do. ...	,,	3	100 do. ..	1	,,	2	,,	4	,,
3 do. ...	1	2	40 do. ...	1	,,	40 do. ...	1	,,	40 do. ...	1	,,	200 do. ..	2	,,	4	,,	8	,,
												300 do. ...	3	,,	6	,,	12	,,
For every additional Tola .	,,	2	For every additional 10 Tolas ...	,,	1	For every additional 10 Tolas. .	,,	1	No pattern packets shall exceed 40 Tolas	,,		400 do. ...	4	,,	8	,,	16	,,
												500 do. ..	5	,,	10	,,	20	,,
												600 do. ...	6	,,	12	,,	24	,,
						Book packets exceeding 200 Tolahs will be charged at the parcel rates...						Parcels exceeding 600 Tolas will not be received at Unjel Offices.						

SCHEDULE No. 2.

Rates for Registration &c.

Registration fee.	Chackrams.
Letter, Book or Pattern packet	3
Acknowledgment of receipt from the addressee.	
For each Registered Letter, Book or Pattern packet ...	2
For each Parcel	2

LIST OF UNJEL OFFICES IN TRAVANCORE.

Name of Office.	District in which situated.	Name of Office.	District in which situated.
Thovalay	Thovalay	Shencottah	Shencottah
Poothapandy		Samburvadakarai	
Assamboo		Pooliaray	
Soosindram	Agasthiswaram	Coonathoor	Coonathoor
Mahadanapuram		Adoor	
Cottar		Chavaray	Karnagapally
Nagercoil		Padanayerculangaray	
Vadasery		Kristnapuram	
Pulpanabhapuram	Culkulam	Arepad	Kartigapally
Theroovattar		Kayencoolum	
Eraneal	Eraneal	Mavelicaray	Mavelicaray
Colachel		Pulickal	
Karingal		Chenganoor	Chenganoor
Coolithooray	Velavancode	Puthanamthattay	
Puthukadai		Koniyoor	
Pattanam		Tiroovalla	Tiroovalla
Parachalay	Neyattungaray	Aramoola	
Neyattungaray		Ambalapulay	Ambalapulay
Poovar		Poolincoonoo	
Nemum		Alleppey	
Trevandrum	Trevandrum	Alleppey Peravagay	
Karamanay		Shertalay	Shertalay
Poothenchanthay		Kalavoor	
Pattam		Areacootty	
Calacoottam		Vycome	Vycome
Nedoovangad	Nedoovangad	Theekenparavoor	
Areanad		Paravoor	Paravoor
Ponmoodi		Verapolay	
Pachai		Yettoomanoor	Yettoomanoor
Vamanapuram		Cottayam	Cottayam
Sherayingeel	Sherayiengeel	Kedungoor	
Attangal		Changanachery	Chenganachery
Warkalay		Kanjerapally	
Nadayara		Peermade	
Quilon	Quilon	Pala	Menachell
Paroor		Thodoovalay	Thodoovalay
Quilon Peravagay		Moovattoopulay	Moovattoopulay
Kottarakaray	Kottarakaray	Chalickavattam	Koonathoonad
Anjel		Parambavoor	
Madathoorakany		Alwaye	
Pathanapuram	Pathanapuram	Tiroovaloor	Allengad
Kolathoorpulay			
Valookenparai			
Poonaloor			

TRANSIT AGENCIES.

I. The Sircar Transit is a Temporary Establishment, and is laid between Trevandrum and Shoranoor, a distance of 195 miles.

II. It thus connects the Capital with the Madras Railway.

III. It is mainly intended for the convenience of the public.

IV. The distance of 41 miles from Shoranoor to Karuvapadantha is done by bullock carts with posted bullocks. The rest of the journey is all by canoes.

V. The Comptrolling Officer is the Superintendent of the Native Post (Unjel.)

VI. Rules concerning the public are as follows :—
"PASSENGERS."

1. No passenger is allowed to take his seat in any boat or carriage used for the Transit, without having paid his fare.*

* Table I.

2. On payment of the fare, Tickets are issued to passengers, who are required to show them to the Transit servants when demanded, and to deliver up to them before leaving the Transit.

3. Passengers not producing or delivering up their Tickets will be charged the fare from the place whence the Transit originally started.

4. Tickets are available only on the day of issue, except on special occasions.

5. The Tickets cannot be transferred.

6. Tickets having been issued the fare will not be refunded on any account.

7. Every person attempting to defraud the Government by endeavouring to evade the payment of his fare will be committed to the Magistracy.

8. No smoking is allowed in the boat, carriage or station.

9. Any passenger found intoxicated, committing a nuisance, or wilfully interfering with the comfort of other passengers will be liable to removal from the premises and to forfeiture of his fare.

10. Passengers should not carry dangerous goods in the Transit.

11. Any person found with dangerous goods in his possession will be removed from the premises and will forfeit his fare, in addition to his being responsible for any loss or damage caused by such goods.

12. More than ten passengers are not booked in a single boat or more than eight in a carriage.

13. Any person can carry a child under 3 years of age without paying a separate fare ; for every additional child, he shall pay ½ of the fare and get a separate Ticket.

14. Children above 3 and not exceeding 10 years of age are conveyed at half fares.

15. No pass will be given to lunatics, or persons suffering from contagious or loathsome diseases, or persons in a dying condition. If it is found that Tickets have been obtained for such persons by misrepresentation, such Tickets will be forfeited and the holders not allowed to enter the Transit.

16. On payment of the fare charged for 10 persons,* a single passenger or group of passengers, not consisting of more than 10 individuals, can engage the Transit for the whole or any portion of the line. Seats for the guard and the pay-distributing officer will, however, be reserved.

* 8 fares for a Carriage.

17. In such cases, previous notice should be given to the respective Transit-Masters as under,

At Trevandrum, before 9 A. M.
At Shoranoor, do. do.
At intermediate stations, 4 hours previous to the arrival of the Transit. †

† Table IV.

18. Any passenger can carry his baggage, not weighing more than 300 Tolas, "free"; all baggage weighing more than 300 Tolas will be charged for the excess at the rate mentioned in Table II.

19. Passengers may carry with them a pet cat or a pet dog, free of charge. But no monkeys or troublesome cats or dogs, or snakes, will be allowed to be carried in the Transit on any account.

20. Passengers shall not carry dutiable goods in the Transit, and shall declare to the respective Transit-Masters that they carry no dutiable goods.

21. Any passenger found with dutiable goods in his possession, will be committed to the Magistracy. The goods will be sold by public auction, and the proceeds appropriated to the Government.

22. To insure being booked, passengers should be at the respective stations 30 minutes before the departure of the Transit.‡

‡ Table IV.

PARCELS.

23. Big and heavy parcels as well as small ones will be received* and booked at all stations, provided the space required for them in the boat is available. A whole boat, however, cannot be loaded with parcels. It is compulsory, that the place of destination of parcels should be one where there is a Transit station.

* Table III.

24. Charges for parcels,† can be paid, either at the booking station or the station where they are to be delivered.

† Table I.

25. Duplicate Receipt Notes will be given for all parcels, which notes the consignors are required to forward with advice to consignees.

These receipts should be given up duly signed by the consignees or other agents, at the delivery station before the parcels are delivered to them.

26. Parcels, charges of which are due, will be delivered over to the owners, only on payment of all dues.

‡ Table III.

27. The Government undertake to deliver the parcels only at the stations.‡

28. On payment of charges for carrying, parcels will be caused to be delivered at the place, where the owners desire, when practicable.

29. Parcels containing perishable articles, will only be carried at "owner's risk" and must be prepaid.

30. The Government will not be answerable for any loss, damage or delay of parcels, caused by accidents.

31. Losses, damages or delays of parcels, found to be occasioned by negligence or want of due attention on the part of any Transit servants, will be duly enquired into and compensated, as far as may be practicable, at the cost of such servants and not otherwise.

32. Address of parcels should invariably be in the Vernacular of this country, and should be written in distinct characters.

33. The address should also contain a statement, showing the general character of the contents.

34. To ensure safe delivery, parcels should be carefully made up in wax cloth, leather, or such other water-proof materials and should be sealed.

35. Dutiable parcels will not be accepted for transmission; and it must be distinctly stated in the address, that the parcels contain no dutiable goods.

36. Transit-Masters are empowered to examine, in the presence of the owner or his agent, any package which they reasonably suspect to contain goods in contravention of the rules.

37. Contraband goods, found in any package will be confiscated by the Sircar, and the party concerned will be sent to the Magistracy.

38. Dangerous parcels will not be received for booking.

39. Jewellery, precious stones, silver and gold coins, &c. cannot be conveyed by the Transit.

40. Consignees are required to take charge of their parcels within 5 days after their arrival at the station; if they are not so taken charge of, the respective Transit-Masters will issue a notice to the owners, in which will be mentioned among other particulars, the date within which the owners are required to take charge of them and the procedure that will be adopted for disposing of the parcels, on the owner's failing to accept them within the notified date.

VII. Rates of charge and the time for despatching the Transit from different stations, are liable to be modified or altered at any time.

VIII. All instances of incivility, want of due attention, or any other irregularity on the part of the Transit servants, may be reported to the Head office in the first instance.

IX. Further particulars can be obtained from the Head office at the Huzur Cutcherry.

TABLE I.

Rates for Passengers.

Distance.	Rates from Trevandrum. To	Fanams.	Chackrams.		Rates from station to station.	Distance from one place to another.	Fare per passenger Fans.	Fare per passenger Chks.	Remarks.
Miles.				From Alleppey to Cottayam, the distance is 12 miles; passage fare, Fanam 1. (Branch Transit.)		Miles.			Thus the total distance of the line is 195 miles, and the fare per passenger for the whole line is Rupees 2.
28	Nadayara	2	1		Trevandrum	...	...	...	
40	Quilon	3	...		Nadayara	28	2	1	
81	Ambalapulay ...	6	...		Quilon	12	...	3	
90	Alleppey	6	2		Ambalapulay ...	41	3	...	
114	Vycome	7	3		Alleppey	9	...	2	
129	Cochin	9	2		Vycome	24	1	1	
154	Caroovoopadantha ...	10	2		Cochin	15	1	3	
175	Trichoor	12	1		Caroovoopadantha ...	25	1	...	
195	Shoranoor	14	...		Trichoor	21	1	3	
					Shoranoor	20	1	3	

TABLE II.

RATES OF PARCELS.

Distance.	1 to 200 Tolas.		201 to 500 Tolas.		501 to 1,000 Tolas.		1,001 to 3,000 Tolas.		3,001 to 6,000 Tolas.		6,001 to 9,000 Tolas.		9,001 to 12000 Tolas. *	
	Fns.	ch	Fns.	ch	Fns.	ch	Fns.	ch	Fns.	ch	Fns.	ch	Fns	ch
1 to 50 miles	...	2	1	...	2	...	4	...	6	...	8	...	10	...
51 „ 100 „	1	..	2	...	4	...	8	...	12	...	16	...	20	...
101 „ 150 „	1	2	3	...	6	...	12	...	18	...	24	...	30	...
151 „ 200 „	2	...	4	...	8	...	16	...	24	...	32	...	40	...

* Above 12,000 up to every additional 3,000 Tolas the Rate is half of what is due for Parcels weighing from 1,001 to 3,000 Tolas.

TABLE III.

THE TIME WHEN PARCELS CAN BE RECEIVED FOR BOOKING OR CAN BE DELIVERED TO OWNERS AT THE DIFFERENT STATIONS.

Stations.	Hours.
Trevandrum ...	6 A. M. to 11 A. M. and 3 P. M. to 7–30 P. M.
Nadayara ...	6 „ „ 8 „ „ any hour in the night.
Quilon	6 „ „ Noon „ 2 P. M. to 6 P. M.
Alleppey	6 „ „ 11 „ „ 2 „ „ 10 „
Cottayam	6 „ „ 10 „ „ 3 „ „ 10 „
Cochin	6 „ „ 10 „ „ 1 „ „ 8 „
Caroovoopadantha .	6 „ „ Noon „ 3 „ „ 8 „
Trichoor	6 „ „ 10 „ „ 3 „ „ 10 „
Shoranoor	6 „ „ 9 „ „ Noon „ 4 „

TABLE IV.

SHOWS THE TIME WHEN DIFFERENT TRANSITS DEPART FROM OR ARRIVE AT THE STATIONS.

(THE GOVERNMENT DO NOT GUARANTEE THESE TIMES BEING KEPT TO.)

Distance from Station to Station.	Stations.		* (A) Departure. A. M.	* (A) Departure. P. M.	* (A) Arrival. A. M.	* (A) Arrival. P. M.	‡ (B) Departure. A. M.	‡ (B) Departure. P. M.	‡ (B) Arrival. A. M.	‡ (B) Arrival. P. M.
Miles.										
,,	Trevandrum		...	8-0	...	...	...	...	8-0	...
20	Nadayara	(b)	4-10	...	4-0	...	...	10-10	...	10-0
12	Quilon	(a)	...	3-0	10-0	...	...	6-0	10-0	...
41	Ambalapulay	(b)	6-10	...	6-0	...	...	6-10	...	6-0
9	Alleppey	(a)	...	6-0	10-0	...	...	3-0	...	2-0
24	Vycome	(b)	3-10	...	3-0	...	3-10	...	3-0	...
15	Cochin	(a)	...	8-0	...	2-0	...	8-0	6-0	...
25	Caroovoopadantha	(a)	noon	...	6-0	...	...	8-0	6-0	...
21	Trichoor		...	8-0	...	6-0	...	10-0	...	8-0
20	Shoranoor		...	...	3-0	...	...	2-0	...	...

If by any accident (A) or (B) fails to reach the Stations marked (a) before the time appointed for departure, the Transit thence will be nevertheless despatched at the appointed time.

No time for meals, &c., will be allowed for Passengers at Stations marked (b.)

Branch Transit 12 Miles.		A. M.	P. M.
Alleppey ...	Dep.	...	11-0
	Ar.	6-0	...
Cottayam ...	Dep.	...	11-0
	Ar.	6-0	...

* (A) Stands for the Transit from Trevandrum to Shoranoor.

‡ (B) Stands for the Transit from Shoranoor to Trevandrum.

STATEMENT SHOWING THE DIFFERENT RATES CHARGED BY THE CARNATIC CARRYING COMPANY, TINNEVELLY.													
Description.	From Tinnevelly to Trevandrum and *vice versa.*						From Oliganacharry to Tinnevelly and Trevandrum and *vice versa.*						Remarks.
	Usual.			Special.			Usual.			Special.			
	Rs.	As.	P.	Rs.	As.	P.	Rs.	As.	P.	Rs.	As.	P.	
To Europeans for a whole Transit ...	20	4	...	25	4	...	10	4	...	12	8	...	These are not invariable. Owing to the competition of other companies, the charges are sometimes reduced.
To Natives for a whole Transit ...	15	4	...	20	4	...	7	10	...	10	4	...	
Do. Do. for a single passenger ...	2	...	...	2	8	...	1	...	...	1	4	...	
Parcels or goods for every 25 lbs. or 1 Maund.	...	8	...	...	...	...	...	6	...	...	...	...	
For a single passenger to mid-stations from Tinnevelly and Trevandrum	...	...	...	...	...	...	...	...	...	...	...	...	At the rate of five Pies per mile.

TABLE SHOWING THE RATE CHARGEABLE ON THE TREVANDRUM AND THENCAUSY LINES BY THE PUNKAH CARRYING COMPANY.

Particulars.	From Tinnevelly to Trevandrum and *vice versa.*						From Tinnevelly and from Trevandrum to Oliganacharry.						From Oliganacharry to Tinnevelly and Trevandrum.			From Tinnevelly to Thencausy & *vice versa.*						Remarks.
	Ordinary.			Extra.			Ordinary.			Extra.						Ordinary.			Extra.			
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Whole first Class Bandy for Europeans	20	4	0	25	4	0	10	4	0	12	8	0	12	8	0	7	2	0	9	8	0	
Whole second Class Bandy for Europeans	15	2	0	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Whole first Class Bandy for Natives	15	4	0	20	4	0	7	10	0	10	4	0	7	10	0	4	2	0	6	2	0	
Passengers each	2	0	0	2	8	0	1	0	0	1	4	0	1	0	0	0	8	0	0	0	0	
For Parcels of 25 lbs. equal to 1 Maund	0	8	0	0	0	0	0	6	0	0	0	0	0	6	0	0	4	0	0	0	0	

At 5 pies each Passenger per mile for the intermediate stations between Oliganacharry and Tinnevelly.
At 6 Do. Do. Do. Do. Do. Do. and Trevandrum.

STATEMENT OF CHARGES MADE BY M. R. & Co., FROM TREVANDRUM TO TINNEVELLY.

Particulars.	From Tinnevelly to Trevandrum and from Trevandrum to Tinnevelly. Usual Bandy.			From Tinnevelly to Trevandrum and from Trevandrum to Tinnevelly. Extra Bandy.			From Tinnevelly and Trevandrum to Oliganacharry. Usual Bandy.			From Tinnevelly and Trevandrum to Oliganacharry. Extra Bandy.			From Oliganacharry to Trevandrum and Tinnevelly.			Remarks.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
1st Class Bandy for Europeans ...	20	4	0	25	4	0	10	4	0	12	8	0	12	8	0	
2nd Do. Do. Do. ...	15	4	0	20	4	0	0	0	0	0	0	0	0	0	0	
1st Do. Do. Natives ...	15	4	0	20	4	0	7	10	0	10	4	0	7	10	0	
For each Native passenger ...	2	0	0	2	8	0	1	0	0	1	4	0	1	0	0	
Parcels for every 25 lbs. or 1 Md. ...	0	8	0	0	0	0	0	6	0	0	0	0	0	6	0	
For the intermediate stations from Oliganacharry to Trevandrum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	At 6 Pies per mile.
For the intermediate stations from Oliganacharry to Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	At 5 Pies per mile.

DIRECTIONS FOR VESSELS ARRIVING AT ALLEPPEY.

1. The Commanders of ships are requested on the arrival of their vessels to deliver into the Master Attendant's office a true and complete manifest of all the goods and merchandise laden on board of their vessels. A form of the manifest required will be furnished for their guidance on application. Previous to any ship or vessel having any transaction with the shore, the Pass, Register and every other credential concerning their ship or vessel, must be delivered into the Master Attendant's office. If the ship or vessel be in ballast, it is to be reported accordingly.

2. Goods landed, or attempted to be landed before the ship is regularly entered, or which have not been entered in the manifest shall be charged double duty. The same is applicable to goods exported under similar circumstances.

3. Applications for Port Clearances should be made between 10 o'clock A. M. and 1 P. M. the day previous to sailing, to enable them to be granted by 4 o'clock, after which hour a fee of 5 Rs. will have to be paid to the writer of such port clearances on every occasion in accordance with para 35 of the Customs Rules. Applicants for Port Clearances should furnish the Custom House with an export manifest of all cargo shipped on board their vessels from this port, specifying the names of the vessels and Commanders, sorts of goods, marks and numbers, quantity or weight, shipper's and consignee's names and the names of the port or ports bound to.

4. Port clearances will not be granted to vessels until all demands on account of boat hire, &c. had been adjusted.

5. No shore boats are permitted to put off to the shipping after sun-set unless in case of emergency, and by special permission of the Master Attendant.

6. Commanders of ships are strictly prohibited from throwing any ballast overboard in the roads. Boats for the purpose of landing the same will be supplied on application.

J. ROHDE,
Master Attendant Alleppey.

DIRECTIONS FOR SHIPS BOUND FROM THE SOUTHWARD, THE BAY OF BENGAL, OR COROMANDEL COAST TO ALLEPPEY IN THE S. W. MONSOON.

Ships bound to Alleppey, from any of the above mentioned places in the S. W. Monsoon, should follow the directions given by Horsburgh, for, "Ships bound from the Bay of Bengal, to Bombay, or other places to the westward, during the S. W. Monsoon."

Having crossed the Equator well to the westward of the Maladive Islands (68°E) a ship should steer North until in the Latitude of 9° 30'. She should then run due East for Alleppey, making an allowance for a 3 knot southerly current after passing the parallel of Kalpenny Island.

Alleppey Flagstaff is in Latitude 9° 29' 48" N. and Longitude 76° 18' 45" E. by Lieut. Selly of the Indian Navy measured from

Bombay—The Trigonometrical survey places it in Longitude 76″ 23′ E. The anchorage in the roads during the S. W. Monsoon is with the Light House from N. E. to E. N. E. in five or 6 fathoms water In the fair season from October to May, vessels may anchor in 3 or 4 fathoms with the Light house bearing E.—the soundings are very regular.

A mud bank has formed, and vessels have anchored off the port in 4 fathoms of water and loaded and discharged during the last South-West Monsoon in perfect safety.

Ships from Colombo or Tuticorin bound for Alleppey in the S. W. Monsoon should, on leaving Colombo roads, be in good sailing trim, and have good sails bent and be prepared to encounter bad weather.

From Colombo roads, a W. N. Westerly course should be steered close hauled for the Coast of Tinnevelly. Should the wind have sufficient southing in it, advantage should be taken of it to round Cape Comorin well to the southward. After rounding which, it often happens that a ship will carry the southerly wind all the way up the coast, at all events, a ship which sails moderately well by the wind, after having rounded Cape Comorin will always be able to make the passage to Alleppey or Cochin in 8 or 10 days, there being often a favourable current along the coast to the northward with very often a slant of wind from the south, and a ship having good sails bent and taking every advantage of the shifts of wind will be able to make a much better passage and with less wear and tear than by the Southern route.

A large ship coming from the northward ought not to come under 7 fathoms if drawing much water, until the Flagstaff or Light House bears to the Eastward of S. E. as there are some shoal patches with only 4 fathoms on, in shore of these soundings. In like manner, vessels coming from the southward should attend carefully to the lead when in with the land, and not come under 13 fathoms off Quilon, which is the depth close to this dangerous reef; to the northward of Quilon reef, the cost may be approached to 7 fathoms.

Alleppey may be known from the offing by its Light House erected close to the Flagstaff, the light from which was first exhibited on the night of the 28th March 1862. The light is of the holophotal description, and is kept burning every night, from the departure of daylight to the return of the same in the morning. It is revolving, producing a bright flash once in every minute and is visible in ordinary weather 20 miles.

Ships may procure water from a well at the beach, and good vegetables and fruits can also be obtained generally in abundance. Fish is plentiful, and of the best description and variety, and other supplies equally abundant.

In the N. E. Monsoon or fair season from November to April the weather is favourable for proceeding to or from Colombo. The N. E. Monsoon sets in about the end of October or beginning of November, generally with thunder, lightning and heavy rain from the land for a few evenings—by the end of November the weather is fine, with regular land and sea breezes all along the Malabar Coast. The land wind off Quilon blows with considerable force usually setting in about 10 P. M. continuing during the night and up to 10 or 11 A. M. when it dies away, and is followed by the sea breeze, from W. to N. W. veering to north until the evening.

TIME DAYS.
TRIVANDRAM.

Kunnyacoomaree or Cape Comorin by the great Trigonometrical Survey is in Lat. 8° 4′ N. Long. 77° 36′ 45″ E. Lieuts. Hethersay, Powel and Selly, late Indian Navy and Mr. Franklin R. N., place it 4 miles further westward viz: 77° 32′ 30″ E. It is high water at the Cape on full and change 0 30 P. M. The Cape is low, to the S. E. of the point and within a mile of it, is a high rock with two others adjoining on which the sea breaks. Near the point to the westward is a pagoda and a little to the westward of it is the Residency Bungalow. About 4 miles N. W. ¼ N. from the Cape stands a high Conical Hill, which is the first land seen in coming from the southward, and is the most southern of the Ghaut Mountains. The Coast is safe to approach to 10 fathoms. There is generally a high surf breaking along the beach but in coasting along, it is better not to come under 22 fathoms which is the depth about 5 miles off shore particularly during the night and when in the vicinity of the Crocodile Rock.

West a little northerly from Cape Comorin distance 16 miles, lies the Crocodile Rock upon which the sea does not always break being covered at high water—it has 16 and 17 fathoms close to.

Cuddeaputnum Point bears from the Rock N. E. ¼ N. distance 2¾ miles. Adunda Islet on the same bearing, distance 1½ miles and Kotah Islet N. by W. ¾ W. a little over 1¾ miles. There is a safe passage between the Crocodile Rock and these Islets, by keeping rather closer to the Crocodile. There is also a passage between these Islets and Cuddeaputnum Point, but a good look-out should be kept from the masthead in passing through either, as the Crocodile and the dangers in the inner passage cannot be seen from the deck at high water. The Crocodile is in Lat. 8° 5′ 30″ N. Long. 77° 16′ 20″ E. Cuddeaputnum Point is steep and like the neighbouring shore has a red appearance. A light is now exhibited from the point on a square built masonry tower.

Colachil or Colachel Toray five miles N. W. from Cuddeaputnum Point is the rising Port of Colachel; there is a Church and a Flagstaff on the beach, Lat. 8° 10′ 45″ N. Long. 77° 13′ 30″ E. The anchorage in the roads is in from 8 to 8½ fathoms. Four small Islets near the beach afford shelter to the cargo boats shipping Coffee or other produce, a ship therefore calling here to load, should anchor to *leeward*, so as to give the boats the greatest facility for reaching the ship with their cargo dry. A red Buoy marks a rock on which one of the steamers swung shortly after coming to an anchor, to load coffee in 1873, but it is inside the foul ground line as laid down in Capt. Selby's chart of this coast and it is the latest survey 1850 and 51. It is possible that steamers could find a safe anchorage inside of the rocks above water off this port. This could be easily ascertained by having the ground carefully swept in order to ascertain whether there is foul ground inside of them, and in the passage north of them, also if a safe entrance is to be found to the southward of them. If the examination is favourable and there is sufficient room for a steamer to swing round when inside, the advantage to Government and all concerned will be complete. The gap between the two rocks could at little cost be filled up with Beaton if necessary. If there should not be room to swing, the ground being otherwise free of rocks, it would only be a question of moorings head and stern. Ships' boats should never attempt to land on any part of the coast from Cape Camorin up to Quilon as there is at all times a heavy surf on the beach.

Tengaputnum—About 5 miles N. W. by W, from Colachel is the town of Tengaputnum Lat. 8° 13′ 30″ Long. 77° 10′ E. Off the mouth of the river (south of it) is the Island of Innevelpanpar or Eniam having a church and other buildings on it—there are 5 other Islets with rocks above and under water near to it. The river is navigable for boats in the rainy season from June to October for some distance inland. A considerable trade, principally in saltfish, is carried on from this place and other villages along the coast with Ceylon.

Covalum or Ruttra Point in the charts, is higher than the adjoining low land, from which it runs up terminating in a high Bluff. There is a small Bungalow on the top of it which may be seen in passing. The Coast between Tengaputnum and this is bold to approach having 18 to 20 fathoms 2 miles off shore.

Trevandrum or Theroovananthapoorum. The seat of the Government and Capital of the Kingdom of Travancore is about 2½ miles East from Shunggoomoogum on the sea beach. The Fort cannot be seen from the sea, but a Flagstaff* stands about the centre of it opposite the palace, another further to N. E. is at the British Residency; on a Hill to the north of the Fort stands the Observatory and can be distinctly made out in passing by its three Domes. Very few public Observatories in Europe have been so well found in Instruments and all by the most celebrated makers. It is in Lat. 8° 30′ 35″ N. and Long. 77° E. The country around is extremely beautiful and variegated. East from Trevandrum about 7 miles is a remarkable round Conical Hill called Namum, or Bringal Hill in the charts, and forms a good mark for this part of the coast being easily distinguished from the other Hills laying like it, between the Ghauts and the coast. The Ghauts here are very high rising over 6,000 feet.

Anjengo or Unchee Tynkel. The Fort is Lat 8° 39′ 40″ N. and Long. 76° 45′ 15″ E—once a place of considerable importance and the earliest settlement of the late Hon'ble East India Company on the Malabar Coast. Orme the Historian was born here, and here resided Elizabeth Draper to whom Sterne addressed his letter to Eliza. The first British Resident to the Court of Travancore, John Toller, died and was buried here in 1777. The Fort was deserted some time prior to the commencement of the present century, the lower mast of the old Flagstaff still stands on the North Western angle of the Fort. The town is to the North of it, and a large Roman Catholic Church with some ancient monuments principally Dutch; but the place has a forsaken appearance. It is not easily distinguished from the offing, being hid by cocoanut trees. There is generally a heavy surf rolling in on the shore, and the place offers no inducement for a ship to anchor, fresh water not being procurable, and the anchorage inside of 10 fathoms foul and rocky.

Wurkulla. Immediately to the North of the Anjengo River rises the Wurkulla Cliff to about 200 feet, extending along the coast to the northward 6 miles. From thence an inland navigable water communication extends by means of canals, the large estuaries at Quilon, Alleppey and Cochin, up to Chowghaut a distance of over 130 miles, and at a trifling cost could be made so to the Madras Railway Station at Tiroor 18 miles distant; as during the S. W. Monsoon cargo boats go to that point on the Madras Railway. The Wurkulla Cliffs are now tunnelled through, and connect this water communication with Trevandrum from whence there is a canal to Wurkulla, being for

* Since destroyed by lightning.

the most part a natural Backwater and separated from the sea by a sand bank varying from a few yards to 5 miles in breadth, and upon which all the Sea Port Towns of the coast are situated. The estuaries too, carry considerable depths throughout and in many parts reach far inland, into which all the watershed of the country is received the rivers being more or less navigable for considerable distances inland. Travancore has thus rare natural facilities to the development of her wealth and commerce which few other countries possess, and no system of Railways could attain to.

QUILON. The Flagstaff in Latitude 8° 53′ 30″ N. Long. 76° 36′ E. by Lieut. Taylor I. N., a place of considerable importance in the time of the Portuguese and Dutch, and also during the Honorable East India Company s Government of India. A considerable Military force was kept up here until 1832, when the station was reduced to one Regiment. It exported a considerable quantity of cloth and indigo, but this branch of industry, and the general trade of the place has much fallen off. The point near the Flagstaff runs out a little in the sea, and is higher than the coast north and south of it. S. E. of the point, two Buoys, one red and the other black with Staves and Baskets are placed during the fine weather viz; 15th October to 15th May to show the safe channel between the Reefs. Vessels should keep well out until Factory Chimney bears N. E. then head for same between the Buoys and anchor in 4½ to 5 fathoms when Tangacheri outer point bears W. N. W. When the Buoys are lifted, vessels should anchor with Flagstaff N. to W. by E. in 8 to 10 fathoms. A small flagstaff 75 feet in height, has been erected close to the Factory Chimney for signalling to vessels in port, the old flagstaff at Tangacheri being too distant for quick communication.

Great caution is necessary in approaching this part of the coast, as an extensive reef and detached rocks stretch from the south of the point 3 miles to seaward and 7 miles north to Iveker or Ibic River. A ship therefore in passing or working along the coast should keep the lead going, and not come under 12 fathoms, as that is the depth close to this dangerous reef. With a fair wind and not bound to any part of the coast, 22 to 23 fathoms would be prudent sounding to preserve from Cape Comorin to the North of the Quilon reef, as these soundings will carry a ship well clear of the Crocodile Rock. A light house is erected on Cadea Patnum Point to mark the vicinity of the Crocodile danger, but "the Lead, Latitude and Look out" should never be relaxed, particularly in the vicinity of dangers and when standing in for the land.

The ship "Lady Hodgkinson" from England bound to Bombay with Troops, and a valuable cargo, on the forenoon of the 22nd of December 1858 (the finest month in the year) while standing along shore to the northward to the land wind and smooth water, ran on the *inside* of the Quilon reef and became a total wreck. It was said a leadsman was in the chains, if so, the lead must have been over-hove, as the ship was not more than 800 yards from the shore and for sometime in little more than her own draft of water.

The coast from Ivika River north to Alleppey is fringed with cocoanut trees and is safe to approach to 7 and 8 fathoms 3 or 4 miles off shore.

PORCAUT. Porcaut and in the old charts Porca is in Lat. 9° 21′ 35″ N. Long. 76° 23′ E;—was a place of considerable importance in

the time of the Portuguese and afterwards of the Dutch. The factory was washed away by the sea in 1742, a canal running with a few yards of the beach connects the place with the Backwater. The smooth water has now shifted to Tortapully and a new mud bank has formed off Alleppey.

CHETTICAUD, a village 3¼ miles north from Alleppey Lat. 9° 32′ 33″ North Long. 76° 23′ 10″ East, is at the Northern limit of an extent of smooth water which has been observed forming for several Monsoons, presenting the same general features as that now at Porcaud. To the southward of the village, the sea breaks in 5 to 6 fathoms in shore of which it is calm with a soft bottom. From a remote period, Alleppey has been known to Navigators as a natural harbour of refuge, and the following account of it is extracted from Penkerton's East Indies. "Capt. Cope says 'Mud Bay is a place that I believe few can 'parallel in the world. It lies on the shore of St. Andrea about half 'a league out in the sea, and is open to the wide ocean and has neither 'Island nor Bank to break off the force of the billows, which come 'rolling with great violence in all other parts of the coast, in the South 'West Monsoon, but on the Bank of Mud, lose themselves in a mo-'ment, and ships lie on it as secure as in the best harbour without mo-'tion or disturbance."

In coming to an anchor the officer in charge should see that the anchor is clear and the chain stopped up clear of the stock, and to let go only after the ship has gathered good stern way. If the ship has put in in distress, or is to remain any time, the whole cable should be given.

Severe gales of wind are liable to happen on the coast in April, May and June, also in October and November; a careful attention to the Barometer, particularly if the maximum and minimum pressure be daily registered, will always give sufficient warning of the approach of these storms, to enable ships on the coast or in Cochin roads to seek shelter at Narakal or on the Mud Bank off Alleppey. The S. W. Monsoon sets in at Alleppey generally in the beginning of June from N. W. and blows with great violence attended with thunder and lightning and rain. For some years back the Monsoons have not been so regular.

The maximum height of the Barometer at Alleppey occurs at 9-40 A. M. and P. M. and the minimum at 4 A. M. and 4-40 P. M.

The general direction of the Wind during the S. W. Monsoon at Alleppey is from W. N. W. to N. W.

JOHN ROHDE,
Master Attendant Alleppey.

RULES

For the better Regulation of Boat service at the Ports of Colachel and Quilon sanctioned by His Highness the Maha Rajah under date the 7th Kartigay 1054 / 21st November 1878.

1. An Officer to be styled "Boat Master" shall have control over all Boats and Crews plying in the Port.

2. For the purposes of carrying out these Rules and for those purposes only, the Boat Master shall exercise the powers of a Sub-Magistrate.

3. Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate, such cases shall be referred to the Magistrate for disposal.

4. From and after the $\frac{\text{20th Kartigay 1054}}{\text{4th December 1878}}$ no boat shall be permitted to carry goods for passengers from or to any ship or vessel at the Port, unless such boat has been registered and numbered, and the owner has taken out a license in the manner hereinafter mentioned.

5. If any person who has not registered and numbered his boat, or taken out a license shall use a boat for the aforesaid purpose, such person shall on conviction, be liable to a fine not exceeding 50 Rs. or in default of payment to imprisonment not exceeding 90 days.

6. Whenever the owner of any boat wishes to take out a license he shall present in person to the Boat Master an application in writing specifying the dimensions of his boat, the number of the crew and the quantity of cargo or number of passengers it is to be permitted to carry.

7. The Boat Master shall on receipt of such application, inspect the boat and on being satisfied that it is seaworthy, he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then register the boat according to form (A) annexed.

8. A fee of 2 Rs. shall be paid for registering every boat.

9. The owner of every registered boat shall have granted to him a license according to form (B) annexed.

10. Every registered boat shall bear on a conspicuous part of it, the number mentioned in the register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted black in English and Malayalum. And if any owner should refuse to keep cut and painted such number or should hide or obliterate it, such owner shall on conviction, be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days.

11. If any person who is not the boat owner shall be guilty of or assist in, altering or erasing the number, he shall, on conviction, be liable to a fine not exceeding 25 Rs. or in default of payment, to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number, every such person shall on conviction be liable to a fine not exceeding 50 Rs., or in default of payment, to imprisonment for a term not exceeding 90 days and every such boat shall be confiscated.

12. The boats required for landing or shipping cargo or passengers shall on application be supplied by the Boat Master.

13. All boat hire for landing or shipping cargo or passengers, shall be paid in advance according to the rates given in the annexed schedule (C) which may be revised from time to time under sanction of the Dewan.

14. The ordinary hours for boats to ply will be between 5 A. M. and 6 P. M.

15. No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boatman or owner taking off or landing goods or passengers beyond such limits

sahll, on conviction, be liable to a fine not exceeding 25 Rs., or in default of payment to imprisonment not exceeding 45 days.

16. Two-thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale. Boats carrying one to two tons, 6 Europeans or 8 Natives. Boats carrying over two tons, for every ton in excess, 4 Europeans or 5 Natives. And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rs. or in default of payment to imprisonment not exceeding 8 days; and every other person who shall be guilty either as principal or accessory of the like offence after having been duly warned by the Tindal shall be liable, on conviction, to a fine of 10 Rs. or in default of payment, to 16 days' imprisonment for every surplus passenger or candy of goods.

17. Each boat shall have the full complement of rowers entered in the Boat Master's Office. Boats loaded with two tons and under shall have one steersman and 4 rowers. Boats carrying over two tons for every ton in excess one additional rower, and any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 rupees, or in default of payment to imprisonment not exceeding 45 days.

18. There shall be a general descriptive register (form D) kept of all competent Tindals and able-bodied rowers who are registered as crews of boats, and each Tindal or rower shall be furnished by the Boat Master with a metal plate bearing his No. in the general register which metal plate shall be produced whenever demanded.

19. And if any boatman serving in any such licensed boat shall by wilful neglect, refusal, or desertion of duty, cause impediment to the service of such boat, he shall be liable on conviction, to a fine not exceeding 10 rupees or, in default of payment, to imprisonment not exceeding 16 days or in aggravated cases to corporal punishment not exceeding 12 lashes, and for a repetition of the offence, or if in any case life may have been endangered he shall be liable to receive such increased punishment as the nature of the offence may warrant.

20. All boats shall carry such number of passengers or such quantity of cargo as has been specified in rule 16; any refusal to take such passengers or cargo will subject the owner to loss of hire and suspension of License.

21. All owners of boats shall submit their boat to the inspection of the Boat Master, whenever he calls upon them to do so; and they shall likewise carry out such repairs to the boats as may be ordered; any refusal to attend to such order shall subject the owner to the suspension of his License which will be entirely withdrawn should such refusal be continued for one month.

22. Whenever a boat becomes unseaworthy, the License will be withdrawn.

23. Whenever a License is withdrawn, the Boat Master shall obliterate the number.

24. Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged and likewise for any plunder or

theft of the cargo during transit. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

25. For goods damaged by rain, the boat owners shall not be held responsible. Merchants or owners of goods shall provide tarpaulins when necessary.

26. All disputes regarding boat hire or any other matter connected with the boat service between shippers or passengers and boat owners or boatman shall be decided by the Boat Master.

27. Transfer of boat from one owner to another shall be duly registered in the Boat Master's Office within one week of such transfer: in default the original owner shall be liable to a fine not exceeding 10 Rs. or in default of payment to imprisonment not exceeding 16 days.

28. Boat owners refusing to let on hire boats for which Licenses have been granted, or allowing their men to ply boats beyond the prescribed time or landing or shipping cargo without the Boat Master's permission, or otherwise failing to conform to the above rules, shall on conviction, be liable to a fine not exceeding 50 rupees, or in default, to imprisonment not exceeding three months.

29. The boats shall be so told off for work from day to day, as to prevent undue advantage to the owners of some and undue loss to the owners of others.

30. The above rules shall be considered applicable to catamarans also.

31. The above rules are not to be considered to interfere with ships' boats or pleasure boats taking off or landing passengers or their baggage or ships' stores, all of which however must be embarked or debarked within the limits of the port and also during the prescribed hours only.

32. Should the owner of a registered boat desire the cancelment of the Registration, he shall give a month's notice in writing to the Boat Master who shall on the expiry of the term cause the register number to be obliterated, and enter the cancelment in the Register Book.

(Signed) N. NANOO PILLAY,
Dewan.

Huzur Cutcherry.
Trevandrum 10th Kartigay 1054. / 24th November 1878.

FORM A.

Register of Licensed Boat belonging to the Port of

No. of Boat in the Register.	Name of owner	Place of residence of owner.	Occupation of owner.	No. of Crew.	Capacity of Boat.	Dimensions in length and thickness.	Date of License.

Signature of Boat Master.

FORM B.

I hereby permit   to use the boat hereinunder specified at the Port of   under the restrictions and subject to the penalties laid down in the Rules sanctioned by the Government under date the 24th November 1878. I have on personal inspection found the said boat to be sound and seaworthy.

No. in Register.	Date of Registry.	Dimensions.		Capacity of Boat.	No. of passengers without Cargo.	No. of Crew.	Names of Crew.	Remarks.
		Length.	Thickness.					

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Signature of Boat Master.

C.

Schedule of Boat hire for the Port of Colachel and Quilon.

No.	Articles.	Boat hire. Chs.	C.	Remarks	
1	Coffee in bags each weighing between 1 and 2 cwts	2	...		Half hire to be added when a boat is used on Sundays, or beyond the hours specified in Rule 14 during ordinary days.
2	Tamarind per bundle	2	8	Each bundle not exceeding 8 cwts.	
3	Fish per 4 bundles	9	...		
4	Jaggery per 3 bundles	9	...		
5	Hides per bale	7	...		
6	Cotton twist per bale	6	...		
7	Long cloth per bale	6	...		
8	Paper and gunnies per bale	6	...		
9	Provisions and oilmanstores per cask...	6	...		
10	Do. Do. per case...	3	...		
11	Liquors per 12 bottles	0	12		
12	Paddy and other grains per bag ...	2	...		
13	Tea per chest	4	...		
14	Spice per chest	14	...		
15	Arecanuts per bag	2	...		
16	Laurel nut Do.	2	...		
17	Crockery per box	2	...		
18	General cargo per cwt	2	...		
19	Timber logs per candy	4	...		
20	Planks per corge	28	...		
21	Do. double per corge	56	...		
22	Cocoanuts with husk per 1000 ...	36	...		
23	Do. without Do. Do.	15	...		
24	Copra per bale	8	...		
25	Ginger Do.	8	...		

26	Turmeric per Bale	8	...	
27	Coir Do.	10	...	
28	Iron, Copper and other metals per candy.	8	...	
29	Europe twist per bale	4	...	
30	Silk-cases each	2	...	
31	Umbrellas per box	4	...	
32	Crackers Do.	4	...	
33	Jars per 100	35	...	
34	Preserves per chest	2	...	
35	Paddy per 100 Parahs	8	...	
36	Wheat and other grains per candy ...	8	...	
37	Passengers per head	4	...	
38	Ballast per ton	14	...	

Half the above rates for Pattamars.

Rates of hire for Boats.				Chs.	Ships.	Chs.
Single Boat with 6 oars in fair weather to Pattamar				10	Do.	20
Do.	4 Do.	Do.	Do.	8	Do.	14
Do.	3 Do.	Do.	Do.	7	Do.	12

Night fair weather double the above rates and night foul weather four rates.

A Boat detained over 1½ hours double boat hire, over 3 hours 4 rates and so on.

Boats detained alongside after 6 P. M. double boat hire in all such cases will be charged to the ships.

FORM D.

Register of able-bodied Boatmen of the Port of

General No.	Date of Registry.	Name of Boatmen.	Age.	Place of residence.	Occupation.	Remarks.
						Tindals should be distinguished from the rest by a remark in this column.

Signature of Boat Master.

BOAT RULES.

For the Port of Alleppey sanctioned by His Highnes the Maha Rajah.

1. An Officer to be styled "Boat Master" shall have immediate control over all boats and crews plying in the Ports.

2. He shall be subject however to the control of the Master Attendant.

3. For the purposes of carrying out these Rules and for those purposes only, the Boat Master shall exercise the powers of a Sub-Magistrate.

4. Similarly the Master Attendant shall have the powers of a Magistrate.

5. Where breaches of these Rules require a higher punishment than is awardable by a Sub-Magistrate, such cases should be referred to the Magistrate for disposal.

6. From and after the 20th Instant, no Boat shall be permitted to carry goods or passengers from or to any ship or vessel at the port, unless such boat has been registered and numbered, and the owner has taken out a license, in the manner hereinafter mentioned.

7. If any person who has not registered and numbered his boat, or taken out a license, shall use a boat for the aforesaid purpose, such person shall on conviction be liable to a fine not exceeding 50 Rupees, or in default of payment to imprisonment not exceeding 90 days.

8. Whenever the owner of any boat wishes to take out a license, he shall present in person to the Master Attendant an application in writing specifying the dimensions of his boat, the number of the crew, and the quantity of cargo or number of passengers it is to be permitted to carry.

9. The Master Attendant shall on receipt of such application, inspect the boat, and on being satisfied that it is seaworthy, he shall call upon the owner to sign a declaration that he comprehends and consents to conform to these rules. He shall then register the boat according to form (A) annexed.

10. A fee of two Rupees shall be paid for registering every boat.

11. The owner of every registered boat shall have granted to him a license according to form (B) annexed.

12. Every registered boat shall bear on a conspicuous part of it the number mentioned in the register. The number shall be cut on a white ground not less than 6 inches in length and shall be painted in black English figures on one side and in Malayalum figures on the other. And if any owner should refuse to keep cut and painted such number or should hide or obliterate it, such owner shall on conviction be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days.

13. If any person who is not a boat owner shall be guilty of or assist in altering or erasing the number, he shall, on conviction be liable to a fine not exceeding 25 Rs. or in default of payment to imprisonment not exceeding 45 days. If any person fraudulently paint or cause to be painted or counterfeited upon any boat, not having been duly registered, any number, every such person shall, on conviction, be liable to a fine not exceeding 50 Rupees, or in default of payment to imprisonment of either description for a term not exceeding 90 days and every such boat shall be confiscated.

14 The boats required for landing or shipping cargo or passengers shall, on application, be supplied by the Boat Master.

15. All boat hire for landing or shipping cargo shall be paid in advance according to the rates given in the annexed Schedule (C) which shall be revised from time to time under the sanction of the Dewan.

16. The ordinary hours for boats to ply will be between 5 A. M. and 6 P. M.

TRIVANDRUM

17. No boat will be permitted to take off or land goods or passengers except within the prescribed limits of the Port. And any boatman, or owner taking off or landing goods or passengers beyond such limits shall, on conviction, be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

18. Two-thirds of the measurement tonnage of each boat shall be the maximum quantity of cargo it shall carry. And the number of passengers it shall take in shall be according to the following scale:

Boats carrying one or two tons, 6 Europeans or 8 Natives.

Boats carrying over two tons, for every ton in excess, 4 Europeans or 5 Natives.

And if any boat be loaded with passengers or cargo beyond what is specified above, the Tindal of such boat shall be liable to a fine not exceeding 5 Rupees, or in default of payment to 8 days' imprisonment; and every other person who shall be guilty either as principal or accessory of the like offence, after having been duly warned by the Tindal shall be liable on conviction to a fine of 10 Rupees or in default of payment to 16 days' imprisonment for every surplus passenger or candy of goods.

19. Each boat shall have the full complement of rowers entered in the Master Attendant's Office. Boats loaded with two tons and under shall have one steersman and 4 rowers. *Boats carrying over two tons for every ton in excess one additional rower.** And any owner allowing his boat to ply without the regulated complement of men will be liable to a fine not exceeding 25 Rupees or in default of payment to imprisonment not exceeding 45 days.

20. There shall be a general descriptive Register (Form D.) kept of all competent Tindals and able-bodied rowers who are registered as crews of Boats and each Tindal or rower shall be furnished by the Master Attendant with a metal plate bearing his No. in the general Register which metal plate shall be produced, whenever demanded.

21. And if any boatman serving in any such licensed boat shall by wilful neglect, refusal or desertion of duty, cause impediment to the service of such boat he shall be liable on conviction to a fine not exceeding 10 Rupees or in default of payment to 16 days' imprisonment or in aggravated cases to corporal punishment not exceeding 12 lashes; and for a repetition of the offence or if in any case life may have been endangered, he shall be liable to receive such increased punishment as the nature of the offence may warrant.

22. All boats shall carry such number of passengers or such quantity of cargo as has been specified in Rule 18. Any refusal to take such passengers or cargo will subject the owner to loss of hire, and suspension of license.

23. All owners of boats shall submit their boats to the inspection of the Master Attendant or the Boat Master, whenever he calls upon them to do so; and they shall likewise carry out such repairs to the boats as may be ordered. Any refusal to attend to such order shall subject the owner to the suspension of his license which will be entirely withdrawn should such refusal be continued for one month.

24. Whenever a boat becomes unseaworthy the license will be withdrawn.

* Modified by notification dated 20th June 1876.

25. Whenever a license is withdrawn, the Master Attendant or Boat Master shall obliterate the number.

26. Should the cargo be damaged by the carelessness of the boat owners or of the men employed by them, the owners shall be held responsible for the cargo so damaged, and likewise for any plunder or theft of the cargo during transit. If goods be damaged by surf in spite of all diligence on the part of the crew, the owners of goods shall bear the loss.

27. For goods damaged by rain boat owners shall not be held responsible. Merchants or owners of goods shall provide tarpaulins when necessary.

28. All disputes regarding boat hire or any other matter connected with the Boat service between shippers or passengers, and boat owners or boat men shall be decided by the Boat Master or in particular cases by the Master Attendant whose adjudgment shall be final.

29. Transfer of boat from one owner to another shall be duly registered in the Master Attendant's Office within one week of such transfer; in default, the original owner shall be liable to a penalty not exceeding 10 Rupees.

30. Boat owners refusing to let on hire boats for which licenses have been granted, or allowing their men to ply boats beyond the prescribed limits or time, or landing or shipping cargo without the Boat Master's permission, or otherwise failing to conform to the above rules, shall on conviction be liable to a fine not exceeding 50 Rupees; in default, to imprisonment not exceeding 3 months.

31.* The boats shall be so told off for work from day to day as to prevent undue advantage to the owners of some and undue loss to the owners of others.

32. The above rules shall be considered applicable to Catamarans and Canoes also.

33. The above rules are not to be considered to interfere with Ships' Boats or Pleasure Boats taking off or landing passengers or their baggage, or Ships' stores all of which must be embarked or debarked within the limits of the Port and also during the prescribed hours only.

34. All Boat owners shall have their Boats inspected and registered as required by the above Rules within the 20th Instant.

Huzur Cutcherry,
6th October 1874.

A. SASHIAH SASTRI,
DEWAN.

FORM A.

Register of Licensed Boat belonging to the Port of Alleppey.

No. of Boat in the Register.	Name of owner.	Place of residence of owner.	Occupation of owner.	No. of Crew.	Capacity of the Boat.	Dimensions in length & thickness	Date of License.

Signature of Master Attendant.

* Cancelled by notification dated 9th March 1881.

FORM B.

I hereby permit   to use the boat herein-under specified at the Port of Alleppey under the restrictions and subject to the penalties laid down in the Rules sanctioned by the Government under date the 6th October 1874. I have on personal inspection found the said boat to be sound and sea-worthy.

No. in Register.	Date of Registry.	Dimensions.		Capacity of Boat.	No. of passengers without cargo.	No. of crew.	Names of crew.	Remarks.
		Length.	Thickness.					

Alleppey, Master Attendant's Office, 187 } *Signature of Master Attendant.*

FORM C.

NOTIFICATION.*

It being expedient to reduce the rates of boat-hire now obtaining at the Port of Alleppey as per schedule C. appended to the boat rules sanctioned by His Highness the Maha Rajah under date the 6th October 1874, the following revised schedule (of boat-hire) will take effect from the $\frac{\text{1st January 1881.}}{\text{19th Margaly 1056.}}$ and continue in force till further notice.

1 Cocoanuts with husk ... ...R. 1 per 1,000
2 Do. without Do. ... ...chs. 8 „ „
3 Copra, Ginger, Turmeric, Coffee, Pepper, Wheat and other grains in bags or robins ... ... 5¼ per candy.
4 Metals ... ... 5¼ „ „
5 Coir in bales and Yarn or Fibre ... ... 6½ „ „
6 Cases of Coffee, Ginger &c. ... ... 7 „ „
7 Rope, Twine in bundles ... ... 6½ „ „
8 Piece goods, gunnies, Twine in bales ... ... 4 „ bale.
9 Stationery ... ... 5¼ „ candy.
10 Silk Cases ... ... 2 „ case.
11 China paper ... ... 2 „ „
12 Umbrellas and Crackers ... ... 3 „ „
13 Crockery and Preserves ... ... 2 „ „
14 Jars ... ...17 „ 100
15 Tea 3 chs. per chest 1½ chs. per ½ chest 1 ch. per ¼ chest.
16 Cardamoms ... ...chs. 14 per chest.
17 Paddy ... ... „ 6 „ candy.
18 Firewood ... ... „ 12 „ 1500 litters.
19 Water ... ... „ 6 „ Hhds.
Do. ... ...R. 1 „ leaguer.
Do. in bulk ... ...R. 1 chs. 7 per boat.

* Modified by Notification dated 20th December 1880.

20 Pilgrims 15 in No. with sundries embarking or landing ... ...R. 1 ch. 2
21 Shipping Planks ... ... „ 1 per corge.
Do. Do. Double ... ... „ 2 „ Do.
Do. Timber Logs... ... ...chs 4 „ candy.

Half the above rates for Pattimars.

Half hire extra to be given for working between 6 P. M. and 5 A. M.

Rates of hire for Passenger Boats.

Single boats with 6 Oars	in fair weather	to Pattimar	10 chs.	Ships	20 chs.
Do.	4 Do.	Do.	Do.	8 „	Do.	14 „
Do.	3 Do.	Do.	Do.	7 „	Do.	12 „

Night fair weather double the above rates and night foul, four rates.
A boat detained over 1½ hour, double boat hire, over 3 hours four rates and so on.
Boats detained alongside after 6 P. M. double boat hire in all such cases will be charged to the ships.

V. RAMIENGAR,
Dewan.

Huzur Cutcherry on Circuit,
Paravoor 20th December 1880.

FORM D.

Register of able-bodied Boatmen of the Port of Alleppey.

General No.	Date of Registry.	Names of Boatmen.	Age	Place of residence.	Occupation.	Remarks.
						Tindals should be distinguished from the rest by a remark in this col.

Signature of Master Attendant.

NOTIFICATION.

Under sanction of His Highness the Maha Rajah, it is hereby notified in modification of para 19 of the boat rules for the port of Alleppey dated 6th October 1875, that in future, boats carrying over two tons need be provided with only one additional rower for every two tons in excess, it being found difficult and unnecessary to provide an additional rower for every ton in excess of two tons.

Huzur Cutcherry,
20th June 1876.
16th Auny 1051.

A. SASHIAH SASTRI,
Dewan.

NOTIFICATION.

It being expedient in the interests of trade to reduce the Pier toll and Tramway hire at the port of Alleppey, His Highness the Maha Rajah has been pleased to sanction, until further notice, the following rates in supersession of those at present in force.

I. Pier Toll.

	Rs.	As.	P.
Ordinary goods per candy	„	1	„
Heavy goods.			
Steam boilers each	12	„	„
Machinery in pieces or any article weighing half a ton or upwards per ton	2	„	„
Four-wheeled carriages each	3	„	„
Two-wheeled Do. Do.	1	8	„
Ponies each	1	8	„
Horses each	2	„	„
Dogs, sheep and other animals each... ...	„	1	„
Piano-forte each	3	„	„
II. Tramway Hire.			
Per candy	„	1	„

2. The rates named in the above schedule shall take effect from the 12th March 1881. / 1st Pungoony 1056. but shall not apply to salt landed under the contracts already entered into for 1056.

V. RAMIENGAR,
Dewan.

Huzur Cutcherry,
Trevandrum,
9th March 1881.

LAND AND SEA CUSTOMS CHOWKEYS.

Supt's Ranges.	*Chowkeys.*	*Supt's Ranges.*	*Chowkeys.*
Arambooly	...Aramboly.	Areecotty	...Manakodum
	Poonacoolum.		Velloothooly.
	Alavakara.		Kundanaad.
	Unjegramum.		Mookum.
Colachel ...	...Manacoody.		Anthacarally.
	Colachel.	Monumbum	...Chathanaad.
	Puttanum.		Varaupulay.
	Pooar.		Monumbom or Palliport,
	Vilinjum.		Bagawathekota.
	Poonthoray.		Ramaswerumkota.
	Anjengo.		Edapully.
	Paravoor.		Mamalay.
	Kayencolum.	Arienkavoo	...Achenkovil.
Areecootty	...Katoor,		Kolathoorpula.
			Arienkavoo.

Besides these, there is the Alleppy Chowkey under the direct control of the Commercial Agent, the Chowkeys of Areecootty and Quilon, which are under the control of the Peishkars of Cottayam and Quilon, the Chowkeys of Vellyamuttum and Goodalore, which are under the control of the Superintendent and Magistrate of the Cardamom Hills, and one at Natoocawni under the control of the Superintendent and Magistrate of the Coffee Districts.

RULES

Regarding hire of Palankeen Bearers, Carts and Coolies

1.—The hire for Bearers carrying a loaded Palankeen shall be one chuckrum each man per mile, or 4 chuckrums each man for a cauthom (Indian league of 4 miles,) at which rate the hire for a set consisting of 12 Bearers, 1 Mussaljee and 1 Cavady Cooly shall be 2 rupees for each cauthom.

2.—Bearers carrying an empty Palankeen shall receive 2 chuckrums and 6 cash each man, or 1 rupee and 5 chuckrums and 4 cash the set for a cauthom.

3.—The hire for Bearers travelling to their post shall be 8 cash each man per cauthom, or for a set consisting of 12 Bearers, 1 Mussaljee and 1 Cavady Cooly, 7 chuckrums per cauthom.

4.—If Bearers are detained on the road, they are to receive 3 chuckrums and 3 cash for the first day, and 4¾ chuckrums for each succeeding day per man.

5.—A set of Bearers posted, but not made use of, shall be paid 7 chuckrums for every mile, or one rupee for every cauthom they have to travel back to their homes, exclusive of all other charges to which they may be entitled, as before explained.

6.—The hire for a Cart (including driver and bullocks) shall be 3 chuckrums per mile, or 12 chuckrums for a cauthom.

7.—The hire for a Baggage Cooly shall be 8 cash per mile, or 2 chuckrums for a cauthom.

8.—All applications for bearers, coolies, carts, and boats for parties travelling from Trevandrum to Quilon are to be made (with specification of route) to the Peishcar in charge of the Trevandrum Division, who will supply bearers, coolies, carts, and baggage boats at Trevandrum, and make the necessary arrangements with the Tahsildar of Sherangheel for bearers, carts, baggage boats and coolies, and with the Tahsildar of Quilon for cabin and baggage boats, rowers, bearers and coolies.

9.—All applications from travellers from Quilon to Trevandrum are to be made to, and will be attended to, by the Tahsildar of Quilon, in a similar mode.

10.—Applications for cabin and baggage boats, rowers, and coolies, &c. from Alleppey are to be made to the Commercial Agent at that Station.

11.—Applications from parties travelling from and to other places in Travancore to be made to the respective Peishcars in charge of Divisions.

12.—No applications for bearers, &c. will be attended to unless accompanied by a written assurance that all charges incurred on account of the dâk laid will be paid on demand.

13.—A Memo. of the charges will be furnished to the traveller either from the Dewan Peishcar's Office or by the Officer who supplies the bearers, &c.

N. B.—As bearers, &c. are not readily procurable at all stations it would be desirable to give early notice with a view to prevent disappointment.

SPECIAL RATES

Sanctioned for the Roads from Cottayam and Chunganacherry to Peermade.

1. The hire for Bearers carrying a loaded Palankeen shall be 1 chuckrum and 4 cash per mile per man.
2. Bearers carrying an empty Palankeen shall receive half hire at 10 cash each man per mile.
3. The hire for a cart (including driver and bullocks) going loaded shall be 4 chuckrums a mile.
4. The hire for a cart going empty shall be 2 chuckrums per mile.
5. The hire for a cart going to Peermade loaded and returning empty shall be 6 chuckrums per mile.
6. If carts are detained, batta at the rate of 7 chuckrums per driver and pair of bullocks shall be paid.
7. The hire for a Baggage cooly shall be one chuckrum per mile.

RULES

Regarding Hire of Maracan and Rowers.

WHEREAS the rates at which Rowers and Maracan are now paid are found to require revision, they are revised as follows; and the following rates will be in force hereafter.

			AS.	P.
Every Rower of loaded Cabin Boat, for every mile	...6	Cash =	0	2
Do. Do. Do. of empty Do. for	...3	Cash =	0	1
Maracan of empty or loaded Boat, for day	...2½	Fan. =	5	7
If Rowers and Maracan are detained, each is to be paid Batta at the rate every day of,	1	Fan. =	2	2

The persons for whom Rowers, &c. are posted, are required to pay the charges punctually and readily. The Rowers, &c., must be paid before they are expected to move the Boat.

(Signed) T. MADAVA ROW,
DEWAN.

According to the foregoing Rules, the rates of hire will be as follows:

From	Distance.	Hire of a Rower for going with loaded Cabin Boat.		Do. for going & coming with loaded Cabin Boat.		Do. for going with loaded & coming with empty Cabin Boat.		Do. for going with loaded & returning without Boat.	
	Miles.	Single hire.		Double hire.		One & a ½ hire.		One & a ¼ hire.	
		Chs.	Ca.	Chs.	Ca.	Chs.	Ca.	Chs.	Ca.
TREVANDRUM *to*									
Anjengo ...	19	7	2	14	4	10	11	8	14
Colitotum ...	22	8	4	16	8	12	6	10	5
Shernee Kadavoo	24	9	„	18	„	13	8	11	4
From NADAYARA *to*									
Quilon	12	4	8	9	„	6	12	5	10
„ QUILON *to*									
Chowray... ...	7	2	10	5	4	3	15	3	4
Ponmanay ...	9	3	6	6	12	5	1	4	3
Karunagapully ...	15	5	10	11	4	8	7	7	„
Kayencolum ...	22	8	4	16	8	12	6	10	5
Areepaud ...	30	11	4	22	8	16	14	14	1
Mavelikaray ...	25	9	6	18	12	14	1	11	11
Thirconapolay ...	28	10	8	21	„	15	12	13	2
Karumady ...	37	13	14	27	12	20	13	17	5
Ambalapolay ...	38	14	4	28	8	21	6	17	13
Alleppey... ...	49	18	6	36	12	27	9	22	15
Areeaud	53	19	14	39	12	29	13	24	13
Cottayam ...	64	24	„	48	„	36	„	30	„
Shertallay ...	66	24	12	49	8	37	2	30	15
Vycome	74	27	12	55	8	41	10	34	11
Areecootty ...	80	30	„	60	„	45	„	37	8
Cochin	88	33	„	66	„	49	8	41	4
Alwaye	108	40	8	81	„	60	12	50	10
Paroor	108	40	8	81	„	60	12	50	10
Carupadana ...	130	48	12	97	8	73	2	60	15
Pathanapoorum...	33	12	6	24	12	18	9	15	7
From ALLEPPEY *to*									
Cottayam ...	15	5	10	11	4	8	7	7	„
„ Do. to Chunganachery...	12	4	8	9	„	6	12	5	10
From Chunganachery to Sharetalay ...	26	9	„	18	„	13	8	11	4
„ Cottayam to Cochin	31	11	10	23	4	17	7	14	8
„ Mavelikaray to Alleppey... ...	22	8	4	16	8	12	6	10	5

From Colitotum to Edava via the Vurkalay Hills 6 Miles.

„ Sherneecadavoo across the Hill to Nadayara 4 Do.

„ Nadayara to Paravoor 4 Do.

„ Vurkalay to Do. 7 Do.

RULES

For the Conservancy and Sanitation of the Town of Trevandrum, sanctioned by His Highness the Maha Rajah under date the 11th Alpasy 1053, *corresponding with the 26th October* 1877.

1. The limits of the Town in which these rules shall have force will be clearly defined at first and from time to time afterwards, when it may be found necessary to enlarge or contract it.

2. *Source of water supply and public bathing places.* All rivers, streams, tanks, canals, wells, springs which are generally resorted to for bathing or drawing water from, shall, from such date as may be proclaimed be considered as placed under the control and inspection of the Government Conservancy officer and his staff, whose duty will be in respect of these to prevent their pollution by washing therein or in such portion thereof as may have been forbidden, soiled cloths or rags other than those worn by people at the time of bathing, cooking vessels or cattle of any kind, or soaking therein timber, husks or other materials, tending to destroy the purity of the water, or throwing or mixing therein any dirt or substances having the same injurious effect on the water.

Sources of water supply shall be specified and marked out to meet the requiremnts of washing clothes and animals. Appendix A.

3. The public thoroughfares within the town including all main and minor roads, all streets and lanes which are not private property shall be similarly considered as placed under the control or inspection of the Government Conservancy officer whose duty it will be to enforce cleanliness and to prevent and remove all obstructions or inconvenience to traffic and passengers using them in the way of encroachments on the roadway by the erection of temporary sheds, pandals, &c, without due permission had or by allowing carts or other vehicles to remain or by picketing cattle thereon unnecessarily.

4. The Conservancy officer shall cause a sufficient number of moveable or fixed dust boxes or other receptacles to be placed in convenient situations in streets and crowded places and shall require the occupiers of houses to cause all dust and rubbish to be deposited daily therein whence it shall be removed and carried away in the scavenging carts belonging to the Conservancy establishment to places that shall be selected by the Conservancy officer from time to time with the permission of the Government.

5. Permission for the erection of temporary sheds for marriage or other purposes where such can be allowed without inconvenience to the public will be granted on application to the Government Conservancy officer. Appendix B.

6. Markets and Bazaars including open spaces where fairs are or may be held, shall also be under the control, inspection and regulation of the Government Conservancy officer, whose duty in respect of these shall be, first to enforce perfect cleanliness and order; secondly to prevent vegetables or meat unfit for human consumption being exposed for sale.

7. Public latrines (when built or enclosed) and such other places as may be assigned for the pupose shall also be under the exclusive control of the Conservancy officer.

8. *Private privies and backyards.* He shall in this connection have also power to inspect privies and backyards of private dwellings and enforce cleanliness in them. Appendix C.

9. Cart stands, cattle pens and stables owned by private parties shall similarly be under the control and regulation of the Government Conservancy officer, who shall have power to enforce cleanliness and order and to remove therefrom cattle suffering from infectious diseases. But when the Government is the owner, the Conservancy officer shall have access to the places and suggest to the officer in charge the enforcement of sanitary rules. If they are not acted upon, he shall report the same to the Government.

10. No burial or burning ground whether public or private shall be made or formed on or after the date on which these rules come into force without the permission of the Government. The existing burning and burial grounds shall be open to the inspection and control of the Conservancy officer and subject to the Conservancy rules. But in regard to cemeteries attached to churches and mosques, the Conservancy officer shall, when he deems it necessary to inspect them, have access to them with the permission of the priest or minister in charge and suggest the sanitary improvements prescribed by the rules. Should access be refused or the suggestion not acted upon, the Conservancy officer shall report the same to the local Magistrate.

11. All occupations of a dangerous kind such as the making of gunpowder, firework and premises whereon they or chunam kilns or smith's forges are set up, shall be under the control of the Government Conservancy officer.

12. *Stray Cattle.* It will also be the duty of the Conservancy officer, to keep the thoroughfares and streets clear of stray cattle, by causing them to be removed to and detained in pounds (which will be established for the purpose) till released on payment of the prescribed fines by the owners or sold as unclaimed property.

13. *Miscellaneous.* It shall also be the duty of the Conservancy officer,

(a) To prevent indecent exposure of the person in the vicinity of thoroughfares for purposes of calls of nature.

(b) To prevent persons who may be afflicted with blindness or loathsome disease squatting on the sides of thoroughfares for purposes of begging.

(c) To prevent carriages being driven during darkness without light.

(d) To prevent cattle being left tethered in the vicinity of roads so as to cause danger to passing conveyances.

(e) To prevent carts and carriages being driven by persons too young or too old or otherwise incompetent.

(f) To enforce the speedy removal of carcases from roads or from private premises.

(g) To prevent glandered horses or any animals suffering from any loathsome or infectious diseases, or any substances of offensive smell such as putrid fish being taken into a market, fair or other place of public resort or through any public thoroughfare.

14. Any violation of the said rules, will, on the same being proved, be punished by the Magistracy with fines not exceeding Rupees 10, or in default of fine with simple imprisonment not exceeding 30 days.

15. The Conservancy officer may prosecute, directly or through his subordinates, before any competent Magistrate, any persons violating the foregoing rules within 3 months next after the commission of such offences.

SECTION 2 APPENDIX A.

(1) Cooking vessels may be cleaned at some distance from the sources of water.

(2) Washermen and others who may stand in need of washing soiled clothes and rags are allowed the privilege of doing so in the Karamanay river 300 yards below the site of the old bridge and in the Killiyaur river some 200 yards below Killipaulom bridge. The forbidden parts will be marked by posts.

(3) The following sources of water are assigned for washing animals as well as soiled clothes, rags, &c.

The river ghauts specified in para 2 as well as the sources of water enumerated below.

Kollencolom. കൊല്ലൻ കുളം

Valoothakautcolum. വഴുതക്കാട്ടു കുളം

Authuvarampucolum at Challay. ആറ്റുവരമ്പു കുളം and 3 out of the group of reservoirs in the Brick fields.

SECTION 5 APPENDIX B.

For the erection of temporary sheds for marriage or other purposes, written application should be made to the Conservancy officer, who shall inspect the sites applied for and stake out such parts as are absolutely required for sheds being built, leaving a sufficient space for free passage of traffic and passengers, and shall give his permission in writing.

SECTION 8 APPENDIX C.

Private privies and backyards may be inspected at any time between sunrise and sunset and after 6 hours' notice to their owners, and if opposition is offered the Conservancy officer shall report the same to the local magistracy.

The above rules will come into force on the 20th Kartigay current.

N. NANOO PILLAY,
DEWAN.

DIVISIONS OF THE TOWN OF TREVANDRUM FOR PURPOSES OF CONSERVANCY.

The limits of the Town where the Rules for Conservancy and sanitation are intended to operate will at present be conterminous with the limits of the local jurisdiction of the Town Sub-Magistrate and the interior of the Fort. The burial ground on the beach is also included in the jurisdiction.

The town shall, for the purpose of Conservancy arrangements, be divided into 5 divisions, namely, the Fort Division, the Challay Division, the Tycaud Division, the Pettah Division, and the Sreevarahom Division.

BOUNDARIES.

Fort Division—Bounded on all sides by the Fort.

Challay Division—Bounded on the North by the Public road, running along the canal called "Cochaur", on the South and East by the Southern and Eastern limits of the jurisdiction of the Town Sub-Magistrate and on the West by the road leading to Tiroovellum.

Tycaud Division—Bounded on the North by the Observatory road, on the South by the road running along the Cochaur, on the East by the Eastern limit of the jurisdiction of the Town Sub-Magistrate and on the West by the Main road.

Pettah Division—Bounded on the North by the Northern limit of the jurisdiction of the Town Sub-Magistrate, on the South by the road branching off along the outside of the Northern and Western Fort

walls and turning from the Western Fort Gate to Shangoomoogum, on the East by the Main road, and on the West by the Parvathy Poothen Canal and Western limit of the jurisdiction of the Town Sub-Magistrate.

Sreevarahom Divison—Bounded on the North by the road branching off along the outside of the Southern and Western Forts and turning to Shangoomoogum, on the South by the Southern limit of the jurisdiction of the Town Sub-Magistrate, on the East by the Public road leading to Tiroovellum, and on the West by the Western limit of the jurisdiction of the Town Sub-Magistrate, including the burial ground recently established on the sea coast.

NOTIFICATION

Prohibiting the Shooting of Elephants.

Under sanction of His Highness the Maha Rajah it is hereby notified to all concerned, that the Travancore Sircar strictly prohibits the shooting, or otherwise killing, of wild elephants, in the territories of the State, except as hereinafter provided.

2. Persons convicted of transgressing the provisions of this notification will be summarily punished by the Magistracy with fine not exceeding 50 rupees or with imprisonment which may extend to three months, or with both.

3. In special cases, the Dewan will, on application, grant a written permit for shooting elephants; and those who obtain such permits and act only in conformity with their provisions, will be exempted from the penalties specified in the preceding para.

4. General permits will be granted on application to such subjects of this State as possess properties in or near jungles infested by wild Elephants; and such subjects will be authorized by the permits to kill elephants, but in defence of their persons and properties only.

5. Persons killing wild elephants in self-defence will be exempted from the penalties specified in para 2 of this notification; but such persons shall immediately report the circumstance to the nearest Police Officer.

6. In any case, the tusks, teeth, &c. of wild Elephants, however death may have occurred, will, as hitherto, be the property of the Sircar, and are deliverable to the nearest Police Officer.

7. The Sircar will pay a reward to any person who will give information of the illicit killing of Elephants, or of appropriation of their tusks, such as will lead to the conviction of the offender.

Huzur Cutcherry,
Trevandrum,
18th October 1869.

T. MADAVA ROW,
DEWAN.

NOTICE

To Europeans and Americans Resorting to Travancore.

Europeans and Americans who arrive in Travancore are requested to immediately report the circumstance to the nearest Police Authority. Should they desire to reside permanently in this country, they have previously to obtain the permission of the Sircar, through the British Resident, which, if deemed unobjectionable by the authorities, will be duly accorded on the parties agreeing to conform to [the local laws and usages.

Europeans and Americans, residing in Travancore, are expected *in like manner*, to obtain the sanction of the Sircar in every instance of purchasing or otherwise acquiring landed property.

THE FOUR DIVISIONS OF TRAVANCORE AND DISTRICTS OR TALUQS COMPRISED THEREIN.

Division.	Station of the Officer in charge.	Districts comprised in the Division.	Stations of the Tahsildars of the Districts.
Palpanabapuram or Southern...	Palpanabapuram.	Thovaulah	Poothapaundy.
		Agastheesuram	Shosheendrum.
		Erraneel	Erraneel.
		Kulculam	Palpanabapuram.
		Velavancode	Coolethoray.
Trevandrum ...	Trevandrum.	Neyattankaray	Neyattankaray.
		Trevandrum	Trevandrum.
		Neddoovengaad	Neddoovengaad.
		Sherangheel	Sherangheel.
Quilon ...	Quilon.	Quilon	Quilon.
		Kunattoor	Kunattoor.
		Karunagapully	Pudnaircolunkaray
		Kartigapully	Arrepaud.
		Mavellikaray	Mavellikaray.
		Chenganoor	Chenganoor.
		Tiruvella	Tiruvella.
		Ambalapulay	Ambalapulay.
		Kotaurakaray	Kotaurakaray.
		Pathnapuram	Pathnapuram.
		Shencottah	Shencottah.
Cottayam or Northern......	Cottayam.	Shertallay	Shertallay.
		Vykam	Vykam.
		Yetmanoor	Yetmanoor.
		Cottayam	Theroonakaray.
		Changanacherry	Changanacherry.
		Meenachel	Palah.
		Mooauttupulay	Mooauttupulay.
		Thodoopulley	Karicode.
		Kunattoonaad	Perroombavoor.
		Aulangaad	Tiruwaloor.
		Paravoor	Cunnencolankara.

JURISDICTION OF THE ZILLAH AND MUNSIFF COURTS.

District or Zillah Courts.	Munsiff Courts subordinate to each Zillah.	Kelvies, Adigaroms, Proverthies or Maniams in each District comprising Jurisdiction of the Zillah and Munsiff Courts.
Nagercoil ...	Nagercoil	All the Kelvis in the Thovala and Agastheesuram Districts.
	Pulpanabapoorom ..	All the Adigaroms in the Kulcolum and Erraneel Districts.
Trevandrum...	Neyyattankara	All the Adigaroms in the Velavancode District; & Neyyattankara, Vellapil, Parashallay, Kunnathookal Kollayil, Coolathoor, & Peroonkadavilah in the Neyyattankara District.
	Trevandrum ...	Nellamun, Oolloor, Coolathoor, Pallippuram, Kalaycoottom, and Thonneckel in the Trevandrum District.
	Do. Additional.	Vunjoor, Palcoolangara, Pattom, & Vattioorkavoo in the Trevandrum District; and Naimom Kottookal, & Marookil in the Neyyattankara District.
	Sherayankil	All the Adigaroms in the Sherayankil and Neddoovengaud Districts.
Quilon. ...	Quilon	All the Proverthies in the Quilon District; & Thayvolakaray, & Shavaray in the Karanagapally District.
	Krishnapurum	Karanagapally, Koolashaikarapooram, Puthoopally, Kristnapuram, Thalavah, and Punnonah in the Karanagapally District; Panthalam vadakkikara, Panthalam thekkikara, Thamaraculom, Pallikel, and Thekkikara in the Mavellikaray District; and Pathioor in the Kartigapally District.
	Kotaurakaray ...	All the Proverthies in the Kotaurakaray, Pathanapuram, and Kunattoor Districts.
	Shencottah ...	All the Maniams in the Shencottah District.
	Tiroovellah ...	All the Proverthies in the Tiruvellah and Chenganoor Districts.
	Areepaud ...	Kartigapally, Auriad, Keericaud, Chaipaud, Pallipaud, Moothookolom, Kelakakarah, Kumarapuram and Thirckoonnapulay in the Kartigapally District and Mavellikaray, Kannamongalom, Noornaud and Aulaw in the Mavellikaray District.
Alleppey. ...	Alleppey	Alleppey, Kynukari, Neddoomudy, Pulinkoonnoo, and Kavalom in the Ambalapulay District; and Ariad Mararikolom, Thaneermoockom, Sherttalay, and Vayalar in the Sherttalay District.
	Ambalapulay ...	All the Proverthies in the Changanacherry District; & Ambalapulay, Chembackoolam, Thalavady Kolimookkoo, Thagali, Poracaud, & Karoomady in the Ambalapulay District.
	Vykam	All the Proverthies in the Vykam District; & Arroor, & Thooraoor in the Sherttalay District.
	Cottayam...	All the Proverthies in the Yetmanoor, Meenachel, & Cottayam Districts.
Paravoor ...	Mooauthupulay ...	All the Proverthies in the Mooauthupulay, Thodoovullay, & Kunattoonaud Districts.
	Paravoor ...	All the Proverthies in the Aulangaud & Paravoor Districts.

Routes of Main Trunk Roads and Backwaters, with distances and Travellers' Bungalows.

A Star (*) denotes Travellers' Bungalow.

Stages.	Distances.	Remarks.
Road from Trevandrum (Fort) to Tinnevelly, viâ Aramboly Pass, 94 Miles.		
Trevandrum*	0	
Neyattenkaray*	11	
Coolithoray*	12	
Oodagherry*	10	
Nagercoil*	9	
Aramboly	8	50 miles.
Travancore Frontier	$3\frac{1}{2}$	
Panagoody*	$2\frac{1}{2}$	British Territory
Tinnevelly* (Railway Station)	38	Do.
Road from Nagercoil to Colachel Port.		
Nagercoil	0	
Colachel*	14	
Backwater from Trevandrum to Trichoor & Shoranore viâ Cochin, 192 Miles		
Trevandrum Basin*	0	By Backwater.
Anjengo	18	
Naddayra*	8	
Quilon* (Sea Port)	12	
Airenthengo*	18	
Carmaudy*	20	
Alleppey* (Sea Port)	11	
Cochin* (do.)	39	British Territory
Trichoor*	46	Cochin. Do.
Shoranore Railway Station (By road) ...	20	British. Do.
Road from Trevdm. (Fort) to Northern Frontier, viâ Cottayam, 156 Miles		
Trevandrum*	0	
Bavanapuram	20	
Nellamail	9	
Cottaracurray*	17	
Yanadymungalum	6	
Uddoor*	7	
Pundalam	7	
Chenganoor	9	
Chunganacherry*	12	
Cottayam*	10	97 miles.
Yattumanoor	7	
Yelacaud	8	
Koothathacolem	8	
Moovattoopolay	12	
Perumbaloor	12	
Northern Frontier	12	156 miles.

Stages.	Distances.	Remarks.
Road from Trevandrum (Fort) to Shencottah, 64 Miles.		
Trevandrum*	0	
Nedoovangaud*	12	
Pallode	10	
Muddathorycawny	$10\frac{1}{2}$	
Colathoorpolay*	$7\frac{1}{2}$	
Camp Gorge	8	
Ariencavoo*	6	
Poolyaray*	5	
Shencottah*	5	
Road from Alleppey to Peermade, Goodalore & Cumbum, 98 Miles.		
Alleppey*	0	By Backwater.
Cottayam*	16	By Backwater.
Warroor*	17	By road.
Moondakayam*	15	Foot of Ghaut. By road.
Peermade* (Orady)	16	Head of Ghaut. By road.
Perriar Ferry*	11	By road.
Goodalore Ghaut head	10	By road.
Goodalore	7	British. By road.
Cumbum	6	Do. By road.
Road from Quilon to Shencottah 60 Miles.		
Quilon*	0	
Koondara	10	
Cottaracurray*	6	
Poonalore*	12	
Camp Gorge	15	
Arienkavoo*	6	
Poolyarray*	5	
Shencottah*	5	
Road from Kayencolum to Poonalore (on Road from Quilon to Shencottah) 35 Miles.		
Kayencolum (Backwater)	0	
Pullicul*	$4\frac{1}{2}$	
Uddoor*	$13\frac{1}{2}$	
Pathanapuram*	10	
Poonalore*	7	

PENSION RULES ESTABLISHED UNDER SIGN MANUAL BY HIS HIGHNESS THE MAHA RAJAH.

Under date the $\frac{\textit{15th August 1864.}}{\textit{1st Chingom 1040.}}$

1. All public servants drawing monthly salaries of 30 rupees and upwards and named in the annexed List marked A, shall be entitled to pension under these rules.

2. The applicant for pension must have served the Sircar for a period not less than 15 years, on a monthly salary of 10 rupees and upwards.

3. If the applicant's service fall short of 30 years, he cannot have a pension, unless incapacitated for further employment by old age, protracted ill-health, loss of sight, or other bodily or mental infirmity. Competent medical testimony to such incapacity shall always accompany an application for pension in such circumstances. But when service is more than 30 years, such testimony shall not be required.

4. Public servants of standing between 15 and 20 years, who are entitled to pension under these rules, shall be granted pensions equal to one-fourth of their monthly salaries calculated on an average of five years previously to the date of the application for pension. If the service has been for more than 20 but less than 30 years, and the public servant is entitled to pension under these rules, the amount shall be one-third of the monthly salary calculated in the manner above stated. Similary, if the public servant has served 30 years or upwards, and his case satisfies the rules, the amount of his pension shall be one.half of his monthly salary calculated as above.

5. In no case, however, is the amount of pension to exceed 500 rupees a month.

6. Pensions granted under these rules are not liable to attachment or sequestration in satisfaction of any decree or order of Court.

7. Pension certificates cannot be mortgaged or otherwise transferred. The pensions are payable only to the individuals in whose names they have been granted or to their authorized Vakeels.

8. Dismissal for misconduct entails forfeiture of the benefit of past service.

9. Service as substitute does not count towards pension when the substitute holds no substantive appointment.

10. The whole of the service in virtue of which pension is claimed, must have been passed in one of the grades specified in the annexed List marked B.

11. Periods of service before the age of 18 shall not count towards pension.

A.

Dewan.
Dewan Peishcar.
Vallia Mel Elthoo Pillay.
Mel Elthoo Pillay.
Dewan's Secretary.
Police, Maramut, Chowkey, Devasom and Mint Sheristadars.
Fouzdarry Commissioner.
Palace Sarwathy Kariacar.
Do. Mel Elthoo Pillay.
Do. Samprethy Pillay.
Nithiachilavoo Kariacar.
Chellom Kariacar.
Sheristadar of the Petition Department, Palace.
Tutor to the Young Princes.
Stable Kariacar.
Judge of the Sadr Court.
Registrar to Do.
Judge of the Zillah Court.
Munsiff.
Tahsildar.
Superintendents of Police, Quilon and Trevandrum.
Sheristadar of the Commercial Department.
Huzur Samprethy.
Pepper Department Samprethy.
Huzur Treasurer.
Manager, Huzur Office.
Deputy Manager do. do.
Huzur Head Royasom.
Do. Deputy do.
Jemabundy Head do.
Unjel Superintendent.
Manager, Sadr Court's English Office.
Supervisor of Salt Bankshalls.
Chowkey Superintendent.
Extra Police Officer.
Jail Superintendent.

Pillamars, Royasoms, Goomastas, Cashkeepers, Translators, Writers, Samprethies and Visharippoos drawing monthly salaries of 30 Rupees and upwards in the Huzur Cutcherry, Sadr Court, Palace, Commercial Department, and Zillah Courts.

B.

Appointments included in the List **A.**

Accountants, Royasoms, Cashkeepers, Goomastas, Goomastakenmars and Clerks in the Huzur Cutcherry and Sadr Court; and every Office in the other Departments, to which is attached a monthly salary of 10 Rupees or upwards excepting such grade as that of Peon.

TRAVANCORE IMPORT TARIFF.

No customs duties will be levied on goods imported by land, sea or backwater into Travancore being the produce or manufacture of British India or of the territories of the Cochin State excepting on the following*articles which will be treated as articles under numbers in the 1st column of the Import Tariff which are given opposite to each article hereunder.

Tobacco, raw and manufactured as per No. 5 in the 1st column of the Import Tariff.

Salt	do.	No. 4	do.
Opium	do.	No. 3	do.
Spirits	do.	No. 2	do.

Imported goods other than those which are the produce or manufacture of British India or the territories of the Cochin State which shall have already paid duty to British India or the Cochin State will be exempted from duty.

The Sircar will not tax Coimbatore or other British Indian produce passing through the Travancore backwater to British Cochin or to the Cochin State nor tax the produce of the territories of the Cochin Sircar directly proceeding through Travancore to British Cochin or to some other part of the territories of the Cochin State itself. *Vide* Notification No. 265 dated 14th Vycausy 1040. / 26th May 1865. published at page 125 of the Travancore Gazette datad 1st Auny 1040. / 13th June 1865.

No.	Name of Articles.	Per.	Tariff Valuation	Rate of Duty. Rs.	A.
1	Arms Ammunition and Military Stores—*				
	Fire-arms and parts thereof—				
	(1) Fire-arms other than pistols, for each	...	...	50	0
	(2) Barrels for the same, whether single or double, for each	...	...	30	0
	(3) Pistols, for each ...	...	...	15	0
	(4) Barrels for the same, whether single or double, for each	...	...	10	0
	(5) Springs used for fire-arms, for each	...	...	8	0
	(6) Gun-stocks, sights, blocks and rollers, for each ...	...	...	5	0
	(7) Revolver-breaches for each cartridge they will carry	...	...	2	8

* Articles enumerated under number 1 will not be allowed to be imported by sea into any other port than Alleppey. *Vide* Notification dated 17th June 1879. / 4th Auny 1054. published at page 465 of the Travancore Gazette dated 24th June 1879. / 11th Auny 1054.

IMPORT TARIFF.—(*continued.*)

No.	Names of Articles.	Per.	Tariff. Valuation	Rate of Duty. Rs.	A.
	(8) Extractors, nippers, heel-plates, pins, screws, tangs, bolts, thumb-pieces, triggers, trigger-guards, hammers, pistons, plates and all other parts of a fire-arm not herein otherwise provided for, and all tools used for cleaning or putting together, or loading the same, for each	...	...	1	8
	(9) Machines for making or loading or closing cartridges, for each	...	...	10	0
	(10) Machines, for capping cartridges for each	...	...	2	8
	Exception 1. Articles falling under the 5th, 6th, 8th, 9th or 10th head of the above list when they appertain to a fire-arm falling under the 1st or 3rd head and are fitted into the same case with such fire-arm are free ...				
	Exception 2. Arms forming part of the regular equipment of an officer entitled to wear diplomatic, military or police uniform, and a revolver or a pair of pistols accompanying a military officer are free				
	Proviso 1. No duty in excess of 10 per cent ad valorem shall be levied upon any of the articles mentioned in the above list when they are imported in reasonable quantity, for his own private use by any person lawfully entitled to possess the same...				
	Proviso 2. When any articles which have been otherwise imported, and upon which duty has been levied or is leviable under this number, or purchased retail from the importer by a person lawfully entitled as aforesaid, in reasonable quantity for his own private use, the import-				

IMPORT TARIFF—(*continued.*)

No.	NAMES OF ARTICLES.	PER.	TARIFF VALUATION	RATE OF DUTY.
			Rs. A.	
	er may apply to the Dewan for a refund or remission (as the case may be) of so much of the duty thereon as is in excess of ten per cent, ad valorem and if the Dewan is satisfied as to the identity of the articles, and that such importer is in other respects entitled to such refund or remission, he shall grant the application accordingly ...			
	Gunpowder, common... ...	lb.	0 5	10 per cent.
	Do. sporting	„	1 0	10 per cent.
	All other sorts	... ...	*Advalorem*	10 per cent.
2	LIQUORS†—			
	Ale, beer, and porter except when condensed or concentrated	Impl. Gallon or six quart bottles.	... ...	1 Anna.
	Cider, and other fermented liquors	Impl. Gallon or six quart bottles.		1 Anna.
	Liqueurs	„	... ...	Rupees 4.
	Spirit, intended to be used exclusively in arts or manufactures, or in chemistry and which has been rendered effectually and permanently unfit for human consumption	.. ...	*Advalorem*	5 per cent
	Spirit, when used in drugs medicines or chemicals in a proportion less than 20 per cent of spirit of the strength of London proof	... ...	„	5 per cent
	Spirit, when so used in a proportion of 20 per cent and upwards	Impl. Gallon or six quart bottles of the strength of London proof	...	Rupees 4 and the duty to be increased in proportion as the strength of the spirit exceeds London proof
	Spirit, perfumed, in wood, or in bottles containing more than four ounces	„		
	Spirit, other sorts	„		
	Wines—			
	Champagne and all other sparkling wines	Impl. Gallon or six quart bottles.	... ...	Rs. 2 8
	All other sorts of wines ...	Impl. Gallon or six quart bottles.		„ 1

† Liquors which have paid the foreign import duty in British India are exempted from duty. *Vide* Notification dated 23rd Andy 1040 published at page 263 of the Travancore Gazette dated $\frac{\text{25th Audy 1040}}{\text{8th Augst 1865}}$

IMPORT TARIFF—(*concluded.*)

No.	Names of Articles.	Per.	Tariff Valuation Rs.	Tariff Valuation A.	Rate of Duty.
3	Opium— N. B. Ought to have paid duty to the British Indian Government and can be imported only by the Government contractor	lb.	13	2	10 per cent.
4	Salt— N. B. Ordinary salt cannot be imported except on account of the Government Indippoo	Indian Md. of 3,200 Tolas.	...		Rupees 2
5	Tobacco‡—				
	Snuff	Bottle of 54 tolas	2	2	8 per cent
	English Tobacco used for smoking...	lb.	3	8	8 per cent
	Cigars	"	3	8	8 per cent
	Cigarettes	...	*Ad valorem*		8 per cent
	Goodak...	lb.	0	8	8 per cent
	Unmanufactured	...	...		As hitherto

‡ Raw and confected dutiable under the bonding system governed by separate rules.

TRAVANCORE EXPORT TARIFF.

No.	Description of Goods.	Per.	Tariff Valuation Rs.	Tariff Valuation A.	Rate of Duty.
1	Produce of the Cocoanut tree (a)—				
	Copra	Cwt.	3	8	
	Cocoanuts	1000	30	0	
	Coir	Cwt.	9	0	
	Cables, tanned and untanned.	Do.	10	0	
	Coir fibre	Do.	7	1	
	Arrack	Bottles 12	3	0	
2	Produce of the Arecanut tree (a)—				5 per cent.
	Arecanuts without husk ...	Candy.	125	0	
	Do. in husk	Do.	67	0	
3	Produce of the Palmyra tree (a)—				
	Jaggery and Candy	Cwt.	3	8	
	Arrack	Bottles 12	3	0	
	Toddy for distilling, and sweet toddy	... ...	*Ad valorem*		
4	Grains and Oil seeds—				5 per cent. If exported to British India or Sircar Cochin, if to other countries 3 annas per Maund.
	Paddy	Cwt.	2	0	
	Rice	Do.	3	4	
	Green gram	Do.	4	0	
	Black gram	Do.	3	12	
	Country beans or Paroompayaroo	Do.	3	0	
	Horse gram	Do.	2	4	5 per cent.
	Gingelly seed	Do.	6	0	
	Chamah, Thinah, Raggy, Varagoo and Varagary ...	... ...	*Ad valorem*		
	Laurel nuts	Do.	7	0	
	Castor seed	Do.	4	8	
5	Coffee (a)—				
	Peeled Coffee	Do.	20	0	
	Parchment Coffee	Do.	16	1	3½ per cent
	Cherry Coffee	Do.	10	12	
6	Oils—				
	Gingelly	Do.	15	0	
	Cocoanut	Do.	14	0	5 per cent
	Laurel	Do.	8	0	
	Lemon grass	lb.	1	12	1 per cent

(a) No commodities other than those under Nos. 1, 2, 5 and 20 and varieties of Sugar under Nos. 3 and 12 of the 1st column of the above schedule shall be subject to export duty at Ramaswaremcottah and Edapaully and at Bagavadicottah no other than the above and pepper. *Vide* Notification Nos. 600. dated 15th Edavom 1040 and 767 dated $\frac{\text{6th Edavom 1044.}}{\text{18th May 1869.}}$ published at page 127 of the $\frac{\text{1st Auny 1040.}}{\text{13th June 1865.}}$ and at page 329 of the $\frac{\text{6th Vaikasy 1044.}}{\text{18th May 1869.}}$ Travancore Gazette.

EXPORT TARIFF.—(*continued.*)

No.	Description of Goods.	Per.	Tariff Valuation		Rate of Duty.
7	Hides—				
	Tanned				
	Country Buffaloe	Score.	80	0	
	Cow	Do.	60	0	
	Goat skins	Do.	16	0	
	Sheep skins	Do.	11	0	
	Deer skins	Do.	8	0	
	Kid skins	Do.	6	0	
	Untanned				
	Country Buffaloe	Do.	40	0	
	Cow	Do.	30	0	
	Goat skins	Do.	8	0	5 per cent.
	Sheep skins	Do.	5	8	
	Deer skins	Do.	4	0	
	Kid skins	Do.	3	0	
	All other hides or skins ...	... ...	*Ad valorem*		
8	Horns and Ivory—				
	Horns Buffaloe	Cwt.	11	0	
	Do. Cow	Do.	6	0	
	Do. Stag and Deer... ...	Do.	12	0	
	Do. Bison	... ...	*Ad valorem*		
	Ivory— (*Note*) Elephant's tusks and hollows being articles of Government monopoly, cannot be exported without a pass or Rahadary from the Dewan or the Commercial Agent.				
9	Ginger Green and Dry.—				
	Ginger unscraped Malabar ...	Cwt.	10	0	
	Dry ginger	Do.	15	0	
	Galingal	Do.	3	8	
10	Salt Fish	Do.	3	0	
11	Tamarind	Do.	2	8	
12	Sugar cane Produce (*a*)—				
	Molasses	Do.	6	0	
	Sugar hard	Do.	23	0	
	Do. soft	Do.	12	0	5 per cent
13	Arrow Root and its Produce—				
	Flour	Do.	20	0	
	Root	Do.	2	0	
14	Turmeric of every kind—				
	Turmeric	Do.	7	0	
	Pinjel	Do.	3	4	
	Maramunjal and Munchanay..	... ...	*Ad valorem*		
15	Kutcholum	Do.	10	0	
16	Jute, Fibre, Rope, &c. ...	lbs. 300	10	0	

EXPORT TARIFF.—(*concluded.*)

No.	Description of Goods.	Per.	Tariff Valuation Rs.	Tariff Valuation A.	Rate of Duty.
17	Pepper (b)	Candy.	...	...	5 Rupees.
18	Opium per chest of 2 Indian Maunds (c)	... ...	...	...	700 Rupees
19	Plumbago	Cwt.	1	8	5 per cent.
20	Timber (a)—				
	Teak, Blackwood, and Thavatharam	Candy.	12	0	10 per cent
	Cole Teak (d)	Do.	5	0	
	Anjelly, Jack, Thampavoo and Karingalee (d)	Do.	6	0	
	Junglewood of all descriptions not above named	Do.	4	0	
	Teak, Blackwood and Thavatharam Planks (d)	100 Thoovadas	100	0	
	Anjelly, Jack, Thampavoo and Karingalee planks (d) ...	Do.	75	0	
	All other kinds of planks ...	Do.	40	0	
	Knees and ribs used in ship building...	Corge.	40	0	
	Do. Do. for small vessels.	Do.	20	0	
	Do. Do. for boats ...	Do.	10	0	
	Arecatrees	100	15	0	
	Bamboos	Do.	10	0	
	Cocoanut and Palmyra rafters	100 Koles.	5	0	
	Oil-mills	Each.	3	0	
	Boats made of Anjelly ...	Parah.	0	4	
	Do. all other kinds of timber	Do.	0	3	
	Masts Poonay girth ranging from 12 to 18 Virals... ...	... ...	125	0	
	Do. Do. below 12 Virals ...	... ...	80	0	
	Logs intended to be used for Catamarans Vamboo... ...	Each.	10	0	
	All other kinds	Do.	2	0	
	Yanathonee	Parah.	2	0	
	Codapanay	Each.	2	0	
	Water wheels	... ...	*Advalorem*		

(b) Unless otherwise authorised, pepper intended to pass out of the country cannot be exported, if by sea, from any other Ports than Alleppey and Quilon, or, if by land, or backwater by any other routes than Velliyamuttum, Peroovunthanum (now Goodalore) Atchencoil, Ariengavoo, Kulathoopulay, Aramboly, Aroocootty, Bagavadicottah and Verapully. But if intended to be shipped at British Cochin shall as usual be covered by a certificate from the frontier Chowkey of Aroocootty. *Vide* Notification No. 767 dated $\frac{\text{6th Edavom 1044}}{\text{18th May 1869}}$ published at page 329 of the Travancore Gazette dated $\frac{\text{6th Vaikasy 1044}}{\text{18th May 1869}}$

(c) *Vide* Notification 303 dated $\frac{\text{13th Audy 1055}}{\text{26th July 1880}}$ published at page 599 of the Travancore Gazette dated $\frac{\text{21st Audy 1055}}{\text{3rd August 1880}}$

(d) Teak blackwood and Karingalee, if purchased from the Commercial depot, or from any depot under the Forest Conservator and if covered by a pass from the Commercial Agent or the Forest Conservator shall be passed free.

TELEGRAPH DEPARTMENT.

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P. M. Madge.
Assistant Superintendent, Cochin Sub-Division, in charge.

Alleppey, a 2nd Class Office—open from 7 A. M. to 9 P. M. daily except on Sundays and Holidays, when it is open from 7 to 9 A. M. and from 4 to 9 P. M.

S. C. Muttusamy, Telegraph Master.

Quilon a 3rd Class Office—open daily from 10 A. M. to 9 P. M. except on Sundays and Holidays, when it is open from 7 A. M. to 9 A. M. and from 4 P. M. to 6 P. M.

R. S. D'Souza, Telegraph Master.

Trevandrum, a 2nd Class Office—open from 7 A. M. to 9 P. M. daily, except on Sundays and Holidays, when it is open from 7 to 9 A. M. and from 4 to 9 P. M.

L. C. Gomes, Telegraph Master.

Nagercoil, a 3rd Class Office—open daily from 10 A. M. to 5 P. M. except on Sundays and Holidays, when it is open from 7 A. M. to 9 A. M. and from 4 P. M. to 6 P. M.

M. Krishnasawamy, Telegraph Master.

RULES AND RATES FOR INLAND TELEGRAMS.

Rules and Tariff, relating to the transmission of Telegraph Messages, in India, sanctioned by the Governor-General in Council, with effect from the 1*st January* 1882.

GENERAL.

RULE I.—The accuracy of messages is not guaranteed, and the sender and receiver must accept all risks arising from non-delivery, errors, or delays.

RULE II.—Telegraph Stations are divided into three classes *viz* :—

Class of Office.	General working hours (local time.)	Special working hours (local time) on Sunday, Christmas Day, New Year's Day, Good Friday, and the Queen's Birthday.
I.	Day and night	Day and night.
II.	7 A. M. to 9 P. M.	7 to 9 A. M., and 4 to 9 P. M.
III	10 A. M. to 5 P. M.	7 to 9 A. M., and 4 to 6 P. M.

Exception in favor of emergent telegrams signed by competent authority.

RULE III.—In cases of life and death, or of extraordinary emergency, a message, countersigned by the Chief Civil or Military Authority at a Station, or by any of the Authorities empowered to "clear the line" (see Rule XL), can be sent from any Office at any time.

Messages should be legibly written.

RULE IV.—Senders of messages are advised to write their messages in an unmistakable and distinct hand.

ACCEPTANCE OF MESSAGES FOR TRANSMISSION.

Limit to length of messages.

RULE V.—No message or messages of more than 500 words can be sent at any one time by any private individual or firm, and no second message by the same individual or firm till after the lapse of three hours, unless the lines be free and not required by any one else.

Messages must be in the Roman character, or Arabic figures.

RULE VI.—All messages must be legibly written in the Roman character or in Arabic figures: subject to the above limitation, messages may be sent in the vernacular, or any foreign language, or in cipher, if written in Arabic numerals.

Messages translated for natives.

At Stations other than the Presidency Towns, every assistance possible is afforded to natives in the translation of messages into English and *vice versâ*.

Form to be followed.

RULE VII.—The body of the message must be preceded by the *address* (as defined in Rule XVIII.) The true signature and address of the Sender must always be written at the foot of the message.

Verification of signature to private messages may be insisted upon.

The Sender of a private message can always be called upon to prove that the signature attached to it is genuine.

Full address necessary.

RULE VIII.—The address must contain all the information necessary to ensure the delivery of the message at its destination, and the Sender in all cases suffers the consequences of insufficiency of address. After the message is once despatched, it can neither be cancelled, completed, nor rectified except, by the despatch of a fresh *paid* message.

Authentication of corrections necessary.

RULE IX.—Every interlineation, reference, erasure, or alteration of words must be authenticated by the Sender of the message, or by his representative.

Messages sent by Post to Telegraph Stations for transmission.

RULE X.—Messages from places where there is no Telegraph Station should be addressed to the nearest Government Telegraph office by post registered, together with Telegraph or Postage stamps sufficient for their payment. A Receipt for the amount will be posted free to the Sender.

Treatment of messages received by Post for transmission insufficiently stamped.

In the case of a *private* message sent by Post to a Telegraph Station with an insufficient number of stamps, the message and stamps will be returned "Service Bearing" to the Sender, who should in all cases give his full address.

Messages addressed to non-Telegraph Stations.

RULE XI.—Messages can be addressed to places where there are no Telegraph Stations. In such cases, the Sender must state (free) from what Telegraph office delivery is to be effected.

Example.—"To Sherghotty, Post Burhee." No charge will be made for ordinary *Inland* postage, which is defrayed by the Telegraph Administration. But if the Sender of a message that has to be delivered by *Inland* post wishes it to be *registered*, he must prepay the postal registration fee of two annas, and intimate that this has been done by adding (free) the words "Post registered," instead of "Post," before the name of the Telegraph Station at which the message is to be posted.

Postal registration is compulsory in the case of messages which have to be posted in India to places beyond Indian limits, and in such cases both the postage and registration fees* must be prepaid by the Sender.†

* 8 annas.

† The registration fee (2 annas) is also payable in the case of messages to which replies are prepaid, and which are addressed to a Station where there is no Telegraph office, or in the case of messages addressed to Railway Stations on which a reply deposit exceeding Rs. 2 is prepaid. (*vide* Rule 37.)

"Bearing" messages.

RULE XII.—With the following exception, all charges for messages must be prepaid in cash or in stamps:—

Messages are sent "bearing" from Sea-ports when received for despatch by mail steamers or other vessels, but no such message whether "prepaid" or "bearing" will be received for transmission until the name of the vessel has been made known. *Bearing messages will not be delivered to the Addressees until after payment has been obtained.*

Use of Stamps.

RULE XIII.—All charges on telegrams are prepaid in Telegraph Stamps, which are procurable at every Treasury and every Government Telegraph Station.

Form of stamp provides a guarantee to the Sender and to Government.

Telegraph Stamps are double-headed, the object being that the *upper half* shall be returned on the Receipt (whereby the Sender receives a guarantee that his message has not been suppressed for the sake of the stamps), and the *lower half* shall be affixed to the message as voucher to Government that it has been prepaid.

Forms obtainable *gratis* at all stations.

Proper Forms on which to write messages are available *gratis* at all Telegraph Stations, and *Senders are requested to use these forms only.*

Stamps to be properly affixed to the forms.

The Senders of messages should be careful to affix their stamps on the spaces left blank for the purpose on the message forms, *the upper half on the Receipt, the lower half on the message*, and to see that the stamps are defaced with the office stamp which bears the name of the station and the date.

Cut or defaced stamps cannot be received.

Telegraph stamps cut in two, before being sent into a Telegraph Office, or which are in any way defaced, discolored, or damaged, cannot be accepted.

Application for the refund of the value of such stamps, accompanied by particulars of the way in which the stamps became damaged, may, however, be made to the Telegraph Check Office, Calcutta, which will ordinarily comply with the application when no doubt exists that the damaged stamps are genuine, and that the damage was not caused intentionally.

Charges on State messages.

RULE XIV.—State messages from all Public Functionaries must be paid for in cash or in stamps prior to despatch; the rates are the same for State messages as those charged to private individuals. This Rule will be relaxed in

case of great emergency; *whenever an urgent State message is tendered for despatch under this permission, the Sender must take the necessary steps to ascertain the charges on it, and pay them into the Telegraph office within 24 hours.*

State messages take their turn for despatch with private urgent or deferred messages.

RULE XV. State messages not marked 'Urgent' will be treated as 'deferred' (see Rule 19). They take their turn for despatch with 'urgent' and 'deferred' private messages according to the order in which they were tendered.

No unpaid messages to be despatched under penalty.

RULE XVI.—No unpaid messages, except those specified in the Departmental Regulations, shall on any account be transmitted. A violation of this rule will subject the Signaller or Telegraph Master in charge of the station from which a message is improperly despatched to dismissal from the public service.

Objectionable messages to be refused acceptance.

RULE XVII.—Telegraph Masters are required to refuse to transmit a message which may be of a decidedly objectionable or alarming character. Should the character of a message be open to doubt, the matter shall be referred to a Secretary to Government, if the message be tendered at the seat of Government, or the Chief Civil or Military Officer, if at a Provincial station.

CHARGES.

RULE XVIII.—*No charge is made for the transmission of the address.*

Free address.

The 'Address' includes names of stations from and to which the message is to be despatched, the *bonâ fide* names or designations* of the Sender and Addressee, and the *latter's* address. No other words can be transmitted unless paid for as part of the body of the message and the officers of the Telegraph Department are authorized to omit from the address any words which are not essential to the correct delivery of the message.

If the Sender of a message desire *his own* address to be telegraphed, it must be included in the body of the message, and paid for.

Charge for a message.

RULE XIX.—The following are the rates of charges for a message. (No charge is made for the transmission of the address.)

* Name and designation cannot both be admitted *unless it would otherwise be obviously impossible for the Addressee to identify the Sender.* A message can only be sent in the name of one individual or firm.

	Local messages—i. e., those tendered during the working hours of a Telegraph Office for transmission in ordinary course within a radius of six miles of a Central Government Telegraph Office.				Deferred messages—i. e., those tendered during the working hours of a Telegraph Office for transmission at night and to be delivered at destination early on the following morning.				Ordinary messages—i. e., those tendered during the working hours of a Telegraph Office for transmission and delivery in ordinary course.				Urgent messages—i. e., those tendered during the working hours of a Telegraph Office for immediate transmission with precedence over ordinary messages.			
	First eight words or groups of three figures.		Each additional eight words or groups of three figures.		First eight words or groups of three figures.		Each additional word or group of three figures.		First eight words or groups of three figures.		Each additional word or group of three figures.		First eight words or groups of three figures.		Each additional word or group of three figures.	
	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.	Rs.	As.
Between any two Stations in India	0	4	0	4	0	8	0	1	1	0	0	2	2	0	0	4

Messages despatched to and from Railway stations without extra charge.

Rule XX.—A message can be sent from any station of the Government Telegraph Department to any Railway Telegraph Station or *vice versâ*, without additional charge.

APPLICATION OF CHARGES.

Rule XXI.—The maximum length of a word is fixed at six syllables; the excess is counted as a word.

No unusual abbreviations or combinations permitted.

Rule XXII.—Messages must not contain any unusual combinations, abbreviations, or constructions. Any word in common use, which, although requiring two words to express it, is generally recognised as one word, is charged as one word when so written; when the two parts are not joined by a hyphen or apostrophe, and when less than six syllables. "Halfpenny," "Twopence," "Threepence," &c. up to "Elevenpence," when written as a single word, count as one word only. "F.O.B." and "C. F. I.," "A. M." "P. M." when written as separate letters, are each counted as three words, but when written "Fob," "Cfi," "AM," "PM," as one word.

Words joined by a hyphen.

Rule XXIII.—Words joined by a hyphen are counted as so many separate words.

Words separated by an apostrophe.

Rule XXIV.—Words separated by an apostrophe are counted as so many separate words. *(This rule does not apply to nouns in the possessive case, as "General's," "Charles'," "Brother's").*

Proper names, titles, &c.

RULE XXV.—Proper names of towns and persons, names of places, streets, ships, titles, Christian names, prefixes, and qualifications are counted for the number of words employed by the Sender to express them.

Every separate character, including an underline, charged as a word.

RULE XXVI.—Every *isolated* character, whether letter or figure, is counted as a word. The same applies to an underline.

Signs of punctuation.

RULE XXVII.—Signs of punctuation, hyphens, apostrophes, inverted commas, parentheses, fresh paragraphs are not counted or signalled, but decimal points, commas, bars of division &c. *used with figures* are each counted as a figure and signalled.

Charges for figures.

Method of counting figures.

RULE XXVIII.—When numbers are expressed in figures, all the characters, figures, letters, or signs in each group are added together, the total divided by three, and the quotient, plus one for the remainder, if there be any, gives the number of words the group represents. Signs used to separate groups and letters added to figures to form ordinal numbers are counted each as a figure or letter; groups of letters not forming words (letter cipher) cannot be transmitted.

All words to be transmitted charged for.

RULE XXIX.—All that the Sender writes in his message to be transmitted to be included in the cost, but the address of a message, as *defined in Rule* 18, will be transmitted without charge.

Date and time of receipt added by the Department & transmitted free.

The day, hour, and minute (Madras time) of receipt of a message into a Telegraph Office for despatch are in every instance added by the Department *and telegraphed free of charge.* Senders may, however, date their messages if they think fit, but the Sender's date, if given, will be charged for.

Multiple messages charged as separate messages.

RULE XXX.—A message addressed to several persons, or to the same person, in localities where delivery is to be effected by different offices, is charged for as so many separate messages.

Multiple messages charged as one message.

RULE XXXI.—A message addressed to several persons in one locality, or to the same person at several places of residence in one locality, with or without transmission by post, is charged for as a single message, but a copying fee of four annas, independently of postage, if any, is charged for each destination after the first.

REPETITION OF MESSAGES.

Collation of message.

Rule XXXII.—The Sender of any message can require that it be repeated. In this case the different stations employed in its transmission collate it as it passes, repeating it to each other integrally.

Charge for collation.

Rule XXXIII.—The charge for repeating is equal to half the charge for the message. A repeated message is indicated by the word "*collated*," which, to ensure the greatest accuracy, is telegraphed (free) both in the official instructions and as the first word of the text of the message.

ADVICE OF DELIVERY.

Advice of delivery.

Rule XXXIV.—Any Sender can require that a notice of the time at which his message is delivered be transmitted to him by telegraph. This advice of delivery may be addressed to him at any Station he may name.

Case of non-delivery.

Rule XXXV.—If the message cannot be delivered, the return-telegram indicates the circumstances which prevented delivery, and, if possible, gives the information necessary to enable the Sender to cause his message to reach its destination.

Priority of return-message.

The return-message has priority in transmission over ordinary messages.

Charge for advice of delivery.

Rule XXXVI.—The charge for an advice of delivery or non-delivery is two rupees.

PREPAYMENT OF REPLY.*

Rule XXXVII.—The Sender of a message can prepay a reply depositing for this purpose a sum not exceeding *ten times* the cost of his original telegram; but the message to which a reply is prepaid must not be addressed to more than one person. He must add to his message the words "*Reply prepaid*" or "*Answer paid.*" These must form the concluding words of the message, but will not be charged for. On depositing the corresponding sum, the Sender can add (free) to the words "*Reply paid*" or "*Answer paid*" the amount to which he wishes the reply to be limited. When the words "*Reply paid*"

* The sender of a State message addressed to a Government Official may not prepay a reply. And in the case of a State message addressed to other than a Government official, any sum deposited by the sender under this rule must be intended for no other purpose than to cover the cost of a return telegram.

alone are given, without any specified amount, it will be understood that the minimum charge only for an "ordinary" message has been prepaid. The Terminal Station pays to the Receiver, in Telegraph Stamps, or in money the amount prepaid, leaving it to him to send his answer how, and when, and to what address he pleases, or not to send one at all. The reply, if sent, is considered in every respect as a fresh message.

In the case of a message to which a reply is prepaid addressed to a station where there is no Telegraph office, the amount is forwarded to destination from the nearest Government Telegraph Office, not in Telegraph stamps but by currency notes and postage stamps in an insured cover: the sender must accordingly prepay the postal insurance fees.

Reply deposits exceeding Rs. 2 in value cannot be received at or delivered from any Railway Telegraph Office. Messages addressed to stations on Railways to which replies exceeding Rs. 2 in value are prepaid are not transferred to the Railway Telegraph but posted with currency notes and postage stamps enclosed from the nearest Government Telegraph station direct to the Addressee; in the case of such messages also the postal insurance fees are payable by the sender.

Should it be impossible to effect delivery of a "Reply-paid" message, the Terminal Station sends a Service telegram to that effect to the Sender, and the amount deposited will be refunded on application being made to the Telegraph Check Office, Calcutta. *The words "Reply paid" or "Answer paid" entitle the Addressee to receive the equivalent of the minimum charge only.*

It should be distinctly understood that it is not compulsory on the addressee to send a reply. The duty of the Telegraph Station consists simply in paying to him, in Telegraph Stamps, or in money the amount prepaid, leaving him at liberty to do what he pleases with it.

DELIVERY.

Free delivery radius.

RULE XXXVIII.—Local messages will be delivered free of charge within one mile and others within five miles of a Telegraph Station. Beyond this distance, messages will be sent by post or by such other means as the Sender may arrange

and pay for. Should the addressee of a message have left the station to which it is addressed, it will, if returned unopened with definite instructions as to the new address, be re-transmitted without extra charge. If the sender requests it, his messages will be delivered open. In this case the words 'deliver open' must be included free in the body of the message. The Telegraph Department may deliver "deferred" messages through the Post Office of the place of destination.

The messenger who delivers a message may be entrusted with the reply, provided he be not detained for this purpose more than five minutes; but delay may unavoidably occur in his return to the Telegraph Office. The fact of the reply having been given to the messenger, and the amount paid to him, should be mentioned on the receipt given for the origina message.

Rules for registration of abbreviated addresses.

Rule XXXIX.—Any Firm or Individual expecting to receive Inland or Foreign messages can register an abbreviated address at the Government Telegraph Office from which such messages have to be delivered.

No abbreviated address can be accepted which has already been registered *locally* by another Firm or Individual.

The fee for registration of *each* abbreviated address is Rs. 10 per annum, payable in advance on the1st January in each year, or Rs. 50 for all time, with a fine of Rs. 5 for every change of address. Abbreviated addresses are considered confidential.

The Department accepts no responsibility in respect of the delivery of any telegram having an abbreviated address, if such address has not been registered

CLEAR LINE MESSAGES.

Rule XL.—On emergent occasions of great importance, the public functionaries named below have the power to "clear the line," that is, to suspend the receipt and despatch of all messages until the one for which the line is "cleared" is passed on:—

(1.)—The Governor-General of India.

(2.)—The Governors of Madras, Bombay.

(3.)—Commanders-in-Chief, India, Madras, and Bombay.

(4.)—Lieutenant-Governors of Bengal, North-Western Provinces, and the Punjab.

(5.)—Secretaries to the Government of India.

(6.)—Secretaries to the Governments of Madras, Bombay, Bengal, North-Western Provinces, and Punjab.

(7.)—Chief Commissioners of Oudh, the Central Provinces, British Burma, and Assam.

(8.)—Agents to the Governor-General, Rajpootana, Central India, & Beluchistan.

(9.)—Commissioners of Sindh and Peshawur.

(10.)—The Residents at Hyderabad (Deccan.) and Mysore.

(11.)—Director General of Telegraphs in India.

(12.)—The Maharajah of Patiala *from the Patiala Office only.*

The messages so sent are, however, to be paid for, in cash or in stamps, as other State messages.

REFUNDS.

No refund given for State messages or for 'local' or 'deferred' private messages or for errors in uncollated 'ordinary' or 'urgent' private messages.

RULE XLI.—No refund will under any circumstances be made for a "State message of any class or for a 'local' or 'deferred" private message; and no refund will be made for an 'ordinary' or 'urgent' private message delivered wholly or partially in an unintelligible state, unless the extra charge for repetition has been paid by the sender.

Conditions of refund in the case of non-delivery or delay of messages.

RULE XLII.—If 'an ordinary' or 'urgent' private message be not delivered, or be subjected to serious delay through the fault of the Telegraph Department, the whole charge made for it will be returned to theSender.

RULE XLIII.—Applications for refunds, as also all complaints respecting messages, should be addressed to the TELEGRAPH CHECK OFFICE, CALCUTTA. Such claims for refund should be made, under penalty of rejection, within two months from the date of the message; but this period is extended to six months in the case of a repeated message, or of a message for which a *Reply* or an *Advice of Delivery* has been prepaid. *(When an overcharge has been made on an inland*

message through the neglect of the Telegraph employés, and when there exists no doubt whatever as to the justice of the claim, the amount overcharged will be repaid at once by the Telegraph Master.)

CANCELLATION OF MESSAGES.

Refunds not admissible when a message is cancelled at the Sender's request.

RULE XLIV.—If the Sender of an inland message wishes to cancel it before transmission has commenced, he can do so, but the charges upon it will not be returned when once the stamps are obliterated. If the message is in course of transmission, or has already been despatched, it can only be cancelled by a paid message from the Sender to the Telegraph Master of the Terminal Station. If in addition the Sender wishes to be informed by telegraph in what manner his request has been acted upon, he must deposit the cost of the return telegram.

OBLIGATION OF SECRECY.

RULE XLV.—To secure secrecy as much as possible, all persons (including officers of the Department) not actually on duty, are strictly prohibited from entering the Signal-room. Breach of this regulation renders an offender liable to a fine of Rs. 500 under Act I of 1876.

Penalties for divulging the contents of a message.

RULE XLVI.—Violation of secrecy on the part of any person in the Department will be punished by dismissal from office, forfeiture of arrears of pay, and a declaration in the official Gazette of the incapacity of the delinquent to serve the Government in any capacity. He will also be liable to the further punishment of fine, or to imprisonment (with or without labor) not exceeding three years, or to both.

It is a violation of secrecy to mention the fact that a message has been received or despatched by any particular person or firm.

COPIES OF MESSAGES.

Certified copies of ordinary or Urgent messages obtainable by Sender and Receiver.

RULE XLVII.—The Sender and Receiver have a right to be furnished with certified true copies of any ordinary or Urgent message sent or received by them; a fixed charge of four annas is made for every copy furnished. As no Telegraph office keeps copies of messages longer than three days, applications for copies required after that time has elapsed should be made to the TELEGRAPH CHECK OFFICE, CALCUTTA.

Applications for copies must be made within six months of the date of the message. At the expiration of that period all message drafts are destroyed.

One anna must be enclosed for postage of the reply—failing which, it will be sent "bearing."

Application may be made, as above by an interested party for the preservation of specified telegrams exchanged between other persons on the ground of pending or contemplated Judicial proceedings. Such telegrams will be preserved for a further period of six months at the expiration of which they will, in default of a renewed application, be destroyed.

Should the particulars furnished be insufficient to enable the Check Office to trace the telegrams at once, the estimated cost of the required search must be deposited by the applicant. It must be understood that the duty of the Telegraph Department in the matter is confined to making the search and preserving the telegrams if found. No information as to the result of the search will be furnished, and any telegrams answering the description given which may be found will only be produced on the order of a competent Court of law or other competent authority.

PRESS MESSAGES.

Rule XLVIII.—Under certain conditions, to be ascertained on application to the Director General of Telegraphs (Traffic Branch), *boná fide* Press messages, *i. e.*, messages in the ordinary English language addressed to, and intended for publication in, a newspaper, can be despatched at reduced rates.

WEIGHTS, MEASURES &c. USED IN TREVANDRUM.

Reduced to Equivalents in English Denominations.

WEIGHTS.

1	Pannam		=	6 Grains (approximately.)	
13	Pannams	= 1 Callenjoo	=	78 do.	,,
13	Callenjoos	= 1 Pallam	=	1014 do.	,,
7½	Pallams	= 1 Rautel	=	7605 do.	,,

GRAIN MEASURE.

1	Nauly		=	23 Cubic Inches	,,
4	Naulies	= 1 Edungally	=	92 do.	,,
3	Edungallies		=	1 Gallon	,,
10	do.	= 1 Purray.			

LIQUID MEASURE.

4	Thodums	= 1 Nauly	=	23 Cubic Inches	,,
4	Naulies	= 1 Edungally	=	92 do.	,,
10	Edungallies	= 1 Purray.			
12	do.	= 1 Chottanay.			
5	Chottanais	= 1 Codum.			

MEASURE OF LENGTH, APPLICABLE TO LAND AND TIMBER, &c.

1	Angoolam		=	1¼ Inch English approximately
24	Angoolams	= 1 Kole	=	30 Inches ,, = 2½ Feet ,,
4	Koles	1 Thendoo		10 ,, ,,
800	Thendoos	1 Nauligay		8000 ,, ,,
2000	do.	1 Crosam		20,000 ,, ,,
4	Crosams	1 Yogena		80,000 ,, ,,

MEASURE OF TIME.

8	Nody	= 1 Mathra	= 0·1 Second.
4	Mathras	1 Gunnidum	0·4 ,,
10	Gunnidums	1 Vyerpoo	4·0 Seconds.
6	Vyerpoos	1 Vinauligay	24 ,,
60	Vinauligays	1 Nauligay	24 Minutes.
2½	Nauligays	1 Munneynehrum	1 Hour.
7½	do.	1 Yaumam	3 Hours or 1 Watch.
60	do or 8 Yaumams	1 Divvassam	1 Day.
7	Divvassams	1 Wauram	1 Week.
15	do.	1 Packsham	15 Days (nearly.)
2	Packshams..	.. ..	1 Lunar Month.
1	Mausam ..	.. ..	1 Native Month (29 to 31 days.)
2	Mausams	1 Rretoo	The Native Season.
6	Rretoos	1 Waroosham	1 Year.

TRAVANCORE WEIGHTS, &c.

WEIGHTS OF COPPER, IRON, NUTS, PEPPER, &c.

16	Meeshams	=	1 Pannam.
10	Pannams		1 Callenjoo.
16	Callenjoos		1 Pallam.
100	Pallams		1 Tulam.
20	Tulams		1 Pauram.

WEIGHTS OF SUGAR, TOBACCO, OPIUM, &c.

10	Meeshams	=	1 Pannam.
10	Pannams		1 Callenjoo.
21	Callenjoos		1 Pallam.
5½	Pallams		1 Rautel.
24	Rautels		1 Maund.
150	do.		1 Toontoo.
4	Toontoos		1 Candy.

WEIGHT OF SALT.

1	Garce	=	120 Maunds.
1	Maund		3,200 Tolas or Rupees.
1	Parah		1,050 Tolas.
1	Coomb		1,68,000 Tolas.
1	Indian Maund		82¼ lbs. Avoirdupois.

MEASURE OF SALT.

10	Edungalies	=	1 Parah.
160	Parahs		1 Coomb.

WEIGHTS, USED AT QUILON.

3	Pallams	=	1 Seer.
2	Seers		1 Rautel.
20	Rautels		1 Tulam.
28	do.		1 Kutcha Maund.
30	do.		1 Pucka do.

GRAIN MEASURE, USED IN NAUNJYNAAD.

360	Grains of Paddy	=	1 Chevadoo.
5	Chevadoos		1 Allackoo.
2	Allackoos		1 Olluck.
4	Ollucks		1 Puddy.
8	Puddies		1 Mercal.
21	Mercals		1 Kotta.

TABLES OF MONEY.

BRITISH INDIAN CURRENCY.

Rupee		*Annas*		*Pice*
1	=	16	=	192
		1		12

The Queen's Rupee weighs 180 grains or $\frac{3}{8}$ths of an ounce troy and contains $\frac{11}{12}$ths, or 165 grains of pure silver, and $\frac{1}{12}$th or 15 grains of alloy.

32 Rupees weigh 1 lb. troy. 38$\frac{8}{9}$ths Rupee, 1 lb. avoirdupois. Other silver coins of British Indian currency, bear in all respects a due proportion to the Rupee.

TRAVANCORE CURRENCY.

Travancore Varahen (Gold coin) = 52$\frac{1}{2}$ Cullian Fanams.
Do. Half Do. (Do.) = 26$\frac{1}{4}$ Do. Do.

Rupee		*Anandarayan Pannam*		*Cullian Pannam*		*Chuckram*		*Cash*
1	=	3$\frac{1}{2}$	=	7	=	28	=	448
		1		2		8		128
				1		4		64
						1		16

30$\frac{1}{2}$ Chuckrams weigh 1 Queen's Rupee; consequently 1 Chuckram weighs very nearly 6 grains. The silver of the Chuckram is 94·53125 per cent. fine, and therefore 2·86459, or nearly 3 per cent. better than that of the Queen's Rupee, which is only 91$\frac{2}{3}$ds fine. The established rate of exchange, viz. 28$\frac{1}{2}$ Chuckrams per Queen's Rupee, is therefore nearly 4 per cent. less than a fair equivalent.

COCHIN SIRKAR CURRENCY.*

Rupee		*Verarayam Pannam*		*Pooten*		*Pice*
1	=	3$\frac{1}{2}$	=	19$\frac{1}{4}$	=	211$\frac{3}{4}$
		1		5$\frac{1}{2}$		60$\frac{1}{2}$
				1		11

COINS CURRENT AT SHENCOTTAH.

4	Pice	=	1	Thootoo.
48	Thootoos		1	Rupee.
48$\frac{3}{4}$	Pice		1	Valla Pannam.
192	Pice or 4$\frac{4}{7}$ Vella Pannam (at the rate of 16$\frac{1}{2}$ Vella Pannams for 1 Pagoda)		1	Rupee.

* Current also in British Cochin.

Table No. I.

For converting Travancore to British Indian Currency.

Travancore Currency. Rs.	Chs.	C.	= British Currency. Rs	As.	P.	Travancore. Rupees. =	Q'Rs.	As.	P. =	Q. Rs.	Chs	C.
"	"	1	"	"	0.42	1	0	15	8.63	0	28	0
"	"	2	"	"	0.84	2	1	15	5.26	1	27	8
"	"	3	"	"	1.26	3	2	15	1.89	2	27	0
"	"	4	"	"	1.68	4	3	14	10.53	3	26	8
"	"	5	"	"	2.11	5	4	14	7.16	4	26	0
"	"	6	"	"	2.53	6	5	14	3.79	5	25	8
"	"	7	"	"	2.95	7	6	14	0.42	6	25	0
"	"	8	"	"	3.37	8	7	13	9.05	7	24	8
"	"	9	"	"	3.79	9	8	13	5.68	8	24	0
"	"	10	"	"	4.21	10	9	13	2.32	9	23	8
"	"	11	"	"	4.63	11	10	12	10.95	10	23	0
"	"	12	"	"	5.50	12	11	12	7.58	11	22	8
"	"	13	"	"	5.47	13	12	12	4.21	12	22	0
"	"	14	"	"	5.89	14	13	12	0.84	13	21	8
"	"	15	"	"	6.32	15	14	11	9.47	14	21	0
"	1	"	"	"	6.74	16	15	11	6.11	15	20	8
"	2	"	"	1	1.47	17	16	11	2.74	16	20	0
"	3	"	"	1	8.21	18	17	10	11.37	17	19	8
"	4	"	"	2	2.95	19	18	10	8.00	18	19	0
"	5	"	"	2	9.68	20	19	10	4.63	19	18	8
"	6	"	"	3	4.42	30	29	7	6.95	29	13	8
"	7	"	"	3	11.16	40	39	4	9.26	39	8	8
"	8	"	"	4	5.89	50	49	1	11.58	49	3	8
"	9	"	"	5	0.63	60	58	15	1.90	58	27	0
"	10	"	"	5	7.37	70	68	12	4.21	68	22	0
"	11	"	"	6	2.11	80	78	9	6.53	78	17	0
"	12	"	"	6	8.84	90	88	6	8.84	88	12	0
"	13	"	"	7	3.58	100	98	3	11.16	98	7	0
"	14	"	"	7	10.32	200	196	7	10.32	196	14	0
"	15	"	"	8	5.50	300	294	11	9.48	294	21	0
"	16	"	"	8	11.79	400	392	15	8.64	392	28	0
"	17	"	"	9	6.53	500	491	3	7.80	491	6	8
"	18	"	"	10	1.26	600	589	7	6.96	589	13	8
"	19	"	"	10	8.00	700	687	11	6.12	687	20	8
"	20	"	"	11	2.74	800	785	15	5.28	785	27	8
"	21	"	"	11	9.47	900	884	3	4.44	884	6	0
"	22	"	"	12	4.21	1000	982	7	3.60	982	13	0
"	23	"	"	12	10.95	2000	1964	14	7.20	1964	26	0
"	24	"	"	13	5.68	3000	2947	5	10.80	2947	10	8
"	25	"	"	14	0.42	4000	3929	13	2.40	3929	23	8
"	26	"	"	14	7.16	5000	4912	4	6.00	4912	8	0
"	27	"	"	15	1.89	6000	5894	11	9.60	5894	21	0

Table No. II.

For converting British Indian to Travancore Currency.

Q. Rs.	As.	P.	=T. Rs.	Chs.	C.
,,	,,	1	,,	,,	2.37
,,	,,	2	,,	,,	4.75
,,	,,	3	,,	,,	7.12
,,	,,	4	,,	,,	9.50
,,	,,	5	,,	,,	11.87
,,	,,	6	,,	,,	14.25
,,	,,	7	,,	1	0.62
,,	,,	8	,,	1	3.00
,,	,,	9	,,	1	5.37
,,	,,	10	,,	1	7.75
,,	,,	11	,,	1	10.12
,,	1	,,	,,	1	12.50
,,	2	,,	,,	3	9.00
,,	3	,,	,,	5	5.50
,,	4	,,	,,	7	2.00
,,	5	,,	,,	8	14.50
,,	6	,,	,,	10	11.00
,,	7	,,	,,	12	7.50
,,	8	,,	,,	14	4.00
,,	9	,,	,,	16	0.50
,,	10	,,	,,	17	13.00
,,	11	,,	,,	19	9.50
,,	12	,,	,,	21	6.00
,,	13	,,	,,	23	2.50
,,	14	,,	,,	24	15.00
,,	15	,,	,,	26	11.50
1	,,	,,	,,	28	8.00
2	,,	,,	2	1	0.00
3	,,	,,	3	1	8.00
4	,,	,,	4	2	0.00
5	,,	,,	5	2	8.00
6	,,	,,	6	3	0.00
7	,,	,,	7	3	8.00
8	,,	,,	8	4	0.00
9	,,	,,	9	4	8.00
10	,,	,,	10	5	0.00
20	,,	,,	20	10	0.00
30	,,	,,	30	15	0.00
40	,,	,,	40	20	0.00
50	,,	,,	50	25	0.00
60	,,	,,	61	2	0.00
70	,,	,,	71	7	0.00
80	,,	,,	81	12	0.00
90	,,	,,	91	17	0.00
100	,,	,,	101	22	0.00

Table No. III.

For converting Rupees, Annas and Pice to Pounds, Shillings and Pence.

Rupees.	As.	P.	£	S.	D.
0	1	0	0	0	1½
0	2	0	0	0	3
0	3	0	0	0	4½
0	4	0	0	0	6
0	5	0	0	0	7½
0	6	0	0	0	9
0	7	0	0	0	10½
0	8	0	0	1	0
0	9	0	0	1	1½
0	10	0	0	1	3
0	11	0	0	1	4½
0	12	0	0	1	6
0	13	0	0	1	7½
0	14	0	0	1	9
0	15	0	0	1	10½
1	0	0	0	2	0
10	0	0	1	0	0

PEOPLE'S LIBRARY
NO.
TIME 7 DAYS
TRIVANDRAM

THE END.

APPENDIX.

EUROPEAN AND AMERICAN RESIDENTS IN TRAVANCORE.

Acworth, Granville L., Planter, Peermade.
Alphonsus, Revd. Fr. Mary D. C. M. A., Arthingul.
Ambrose, Very Revd. Fr., D. C. Vicar-General, Quilon.
Anderson, G. Planter, Tenkasi.
Antonius, Revd. Fr., D. C. M. A. Poolatopoo.
Agustine, Revd, Fr., of St. Mary, D. C. M. A. Magnamy.
Augustine, Revd. Fr. St. Mary D. C. M. A., Verapoly.
Baker H. W., Planter, Peermade.
——— S. Do. Cottayam.
——— A. G. Do. Do.
Bensley, O. H., B. A. Supt. of Police, Travancore (Europe.)
Bernard, Revd. Fr. of Jesus D. C. M. A. of Poothenpully.
Biscoe, W. Fraser, Planter, Peermade, Secretary Peermade Planter's Association.
Blandford, Miss A. M., Superintendent, Fort Girl's School Trevandrum (Europe.)
Bonaventura, Revd. Fr., D. C. M. A., of St. Francis, Verapoly.
Bonifacious Revd. Fr. of S. H., of Mary D. C. M. A., Poonthenpully.
Boone, Lient. Col. J. B., 6th Regiment M. N. I., Quilon.
Bourdillon, T. F., Planter, Trevandrum, Secy., Planters' Association
Bower, Revd. F. Mavalicurray.
Brown, W Lieut. 6th Regiment N. I., Quilon.
Bruce, J. F., Planter, Peermade.
Brunton, R. Engineer in charge, Steam Presses, Alleppey.
Brunton, W. Asst. to James Darragh, Alleppey.
Burrows, J., Planter, Peermade.
Caley, Revd. J., Cottayam.
Cameron, D. G., Agent Scottish Indian Coffee Company, B. I. S. N. Company, and Standard Life Association Company, Quilon.
Camillus, Revd. Fr., of the Sac. Heart of Mary, D. C. M. A. Chattiath.
Candidus, Revd. Fr., of the Presentation D. C. Alleppey.
Cartner, James, Anayadi Tope, Colachel.
Celestine, Revd. Fr. of the Cross, D. C. M. A. Arthingul.
Chamier, C. Lieut. 6th Regiment N. I., Quilon.
Chatterton. J., Light House, Muttum, Nagercoil.
Chisholm, E. C., Planter, Ashambu.
Claridge G. W. Planter Anjenaud.
Clark, F., Assistant, R. W. Dow, Alleppey.
Clarke, Revd. W., Alleppey.
——— H. Stanley, Planter, Peermade.
Cosby, W. T. A., First Judge, Zillah Court, Alleppey (Europe.)
Cox, J., Planter, Nagercoil, Chairman Planters' Association.
——— H., Do Nagercoil.
——— S. Planter, Nagercoil.
Critchley, D. B., Planter, Nagercoil.
Crozier, P. F. Planter Peermade
Cyril, Revd. Fr. of the M. of god D. C. M. A. Magnamy.

Darragh, J., Merchant, Manufacturer of coir matting Alleppey.
Dighton, S. M., Planter, Peermade.
Dobree, J. Planter, Peermade.
——— H. R. Do. Do.
Donnelly, Miss A. C., Supt. Govt. Girls' School, Trevandrum.
Donoven, C., Planter, Munar.
Dow, A. L. Agent, R. W. Dow Alleppey.
Dunlop R. G. Agent, Andrew & Co. and B. I. S. N. Co., Alleppey.
Duthie, Revd. J., Nagercoil.
Egan, H., Planter, Peermade.
Elias, Revd. Fr. of St. Joseph, D. C. M. A. Verapoly.
Elias, Revd. Fr., D. C. M. AP. Carangadoo.
Eliseus, Revd. Fr., of S. H. of Jesus, D. C. M. A. Puthempully.
Emlyn, Revd. J., Parachallay, Trevandrum.
Emygdius, Revd. Fr. D. C. M. AP. Anjengo.
Ferdinandus, Revd. Fr., D. C. M. AP. Trevandrum.
Ferrand, E. Medical 6th Regiment N. I., Quilon. [Trevandrum.
Fergnson, H. S., Guardian to Their Highnesses the Junior Princes,
——— R. B., Ag. Asst. Supt. of Police, Cottayam Division
Fitzgerald, W., Planter, Ashambu.
Fowler, J. E., Do, Tenkasi.
Goldie, R. H., Do. Peermade.
Graham, W. Do. Do.
Grant, D. C. C., Ag. Supt. & Magistrate Southern Coffee Districts
Gray, C., Do. Peermade. [Ashambu.
Gray, H. Do. Do.
——— R., Do. Do.
Gregory, Revd. Fr., D. C. M. AP. Cottar.
Hacker, Revd. I. H. Neyoor.
Hannyngton, J. C., M. C. S., British Resident Travancore and
Harley, E., Planter, Peermade. [Cochin (Europe.)
Harvey, R., M. A., LL. D., Professor of English, Mental and Moral
Philosophy and Logic, College, Trevandrum.
Hinton, N. I.
Horsley, S., A. M. I. C. E. Assistant Engineer, Nagercoil.
Houston, Surgeon-Major J. M., M. D. Physician to H. H. the
Maha Rajah Trevandrum.
Howlett, Captain, A., Ag. Asst. Resident of Travancore.
Ildephonsus, Rt. Revd. Fr. of St. John Baptist, O. D. C. Bishop
of Amyzon, and Vicar Apostolic of Quilon.
Imray, R. S., Planter Peermade.
Inglis, H. Planter Ashambu.
Isidore, Revd. Fr. M. AP. Moolagoomode.
Jacob, A. H., M. A., M. I. C. E. Chief Engineer, Travancore.
Joseph, Revd. Fr. D. C. M. AP. Cottar.
Ketchen, Major W. D. Brodie, Commandant, Nair Brigade, Tre-
Knight, H. M., Planter, Tenkasi (Europe.) [vandrum.
Knowles, Revd. J., Trevandrum.
Lawrence, J. M. Planter Ellaputty.
Lee, J. C.
———, Revd. W. Nagercoil.

Leonard, J. Surgeon Nair Brigade Trevandrum.
Leonard, Most Revd. Fr. of St. Louis, O. D. C. Vicar Apostolic of Malabar.
Livingstone, D., Planter, Peermade.
Logan, W. Ag. British Resident of Travancore.
Lumsden, J. S., Engineer, Scottish Indian Coffee Co. Quilon.
Mackinlay, T. Agent of R. W. Dow Alleppey.
Maclennan, G., Planter, Ashambu.
Maltby, C. J. Supt. and Magistrate Cardamom Hills, Peermade.
Marcellinho, Rt., Revd. Fr. of St. Theresa O. D. C. Bishop of Pario and Coadjutor to the Archbishop of Nicomedia.
Mackay, G. M. Planter, Trevandrum.
Marshall, W. Planter, Trevandrum.
Masefield, H. V., Planter, Peermade.
Master, C. O. Planter, Shataparai.
McCaughley, J., Asst. to James Darragh, Alleppey.
Miller, R. Planter, Tenkasi.
Miller, R. Planter, Do.
Moncur, J. R. Do. Ashambu.
——— D. M. Do. Do.
Munro, J. D. Planter, Peermade.
Newill, H. Do. Do.
Neve, Revd. C. A., Cottayam.
Ormsby, W. E., M. A. LL. D., Barrister-at-law, Puisne Judge High Court.
Oxley, C. R. Major 6th Regiment N. I. Quilon.
Painter, Revd. A. F., Cottayam.
Parker, F. M., Planter, Peermade, Chairman Peermade Planter's Association.
Payne, J. Planter, Tuliar.
Philip, The Very Revd. Fr. of St. Louis, D. C. M. A. Vicar General, Coonima.
Prince, I. H., Ag. Head Sircar Vakil.
Professor, Revd. Fr. Burnardinus, Eraveepurom.
Prosper, Revd. Fr. D. C. M. AP. Tangacherry, Quilon.
Polycarp, Revd. Fr. D. C. M. A., Pootheupully.
Raymundus, Revd. of the M. of sorrow D. O. M. A. Verapoly.
Rector, Revd. Fr. John Columbino Tangacherry, Quilon.
Richards, Revd. W. J., Cottayam. (Europe.)
Richardson, F. G. Planter, Cottayam.
Rohde, J., Commercial Agent, Alleppey.
Rombant Revd. Fr. of St. Elias D. C. M. A. Magnamy.
Ross, J., M. A., Principal of H. H. the Maha Rajah's High School and College, Trevandrum.
Sargent, E. H. Planter, Peermade.
Sealy, J. S. Planter, Peermade.
Sharp, A. H. Planter Munar.
——— A. H. Do. High range.
Shaw, G. J. Lieut. 6th Regiment N. I. Quilon.

Sherman, C. B. B. Assistant Engineer, Cottayam.
Sim, J. C., Planter, Anjenaud.
Smail, H. Agent of James Darragh, Alleppey.
Speechly, Dr. Right Revd. Bishop of Travancore and Cochin, [Pullum.
Thomas, Revd. Fr. D. C. M. AP. Quilon.
Thomson, Dr. T. S., Medical Mission, Neyoor
Thornhill, J. T., Lieut. 6th Regiment N. I. Quilon.
Thornhill, G. T., Planter, Ashambu.
Turner, A. W., Do. Anjenaud.
Valentine, D. W. T., Asst. Engineer, Quilon.
———, J. S., Planter, Trevandrum.
Vernede, C. R., Conservator of Forests, Quilon.
———, J. S., Asst. Do.
Verleure, Revd. Fr. Eugenius, Moolagoomoodoo.
Victor, Revd. Fr. D. C. M. AP., Colachel.
———, Revd. Fr. Mary, D. C. M. AP., Trevandrum.
Vine, W. C. Planter, Kudaralai.
Von Rosenburg, Baron John, Planter, Mundalai.
Welch, Captain M. E. H. O., Nair Brigade, Trevandrum.
White, Surgeon S. Plunket Esmonde, M. D., Residency Surgeon, Trevandrum.
Williams, A. C., Planter, Trevandrum.
Wilkinson, Revd. Fr. Trevandrum.
Winn, A., Engineer Spinning Firm Quilon.
——— W. Do. Do. Do.
Wotherspoon, R. C., Ag. Agent of the Scottish Indian Coffee Co. and British Indian Steam Navigation Co., Colachel.
Wright, Revd. C. H. L., B. A. Ag. Chaplain.
Wyllie, Lieut. J. A., Nair Brigade Trevandrum.

TRADE LIST.

Alleppey.

No.	Names of Merchant Firms.	Names of Resident Partners or Owners.	Names of Agents.
1	James Darragh	James Darragh ...	H. Smail and L. C. Thompson.
2	R. W. Dow.	....	A. L. Dow and T. Mackinlay.
3	Andrew and Co. ...	....	R. G. Dunlop.
4	George Brunton ...	....	R. Brunton.
5	Hajee Jacob Hajee Joosup...	Hajee Mahomed H. Jacob...	
6	Hajee Elias H. Hoosman.	Hajee Abdoolkareem H. Hoosman...	
7	Hajee Essah Salay Mahomed and Sons...	Hajee Assum H. Essa ...	
8	Hajee Abdoollah Noormamed...	....	Mahomed Oommer.
9	Hajee Moosah H. Ahmed and Co....	Ghanjee Oomersee ...	
10	Hajee Ibrahim Essa ...	Abdoollah H. Jakariah...	
11	Haroon Esmail	Haroon Esmail	
12	Adam Hadjee Elias ...	Adam Hadjee Elias ...	
13	Esmail Oommer ...	Esmail Oommer. ...	
14	Hajee Abdool Kalack ...	Hajee Abdool Kalack ...	
15	Satarna Mahomed ...	Satarna Mahomed ...	
16	Sanjee Padomsee ...	....	Raisy Makjee.
17	Jeram Jakrishnen ...	Jeram Jakrishnen ...	
18	Laljee Vissenjee ...	Laljee Vissenjee ...	
19	Jeraj Laljee	Jeraj Laljee	
20	Jadowjee Ragowjee ...	Jadowjee Ragowjee ...	
21	Goculdass Veerjee ...	Goculdas Veerjee ...	
22	Kurumsey Kethsey ...	....	Moljee.
23	Ahmed Coyah & Brothers...	Ahmed Coyah	
24	Krishna Pillay	Krishna Pillay	
25	Hajee Aboobucker & Brothers...	Hajee Aboobucker ...	
26	Hajee Mahomed H. Moosah...	Hajee Mahomed H. Moosah...	
27	Abeeb and Sons ...	Hajee Ahmed Abeeb ...	
28	Chacco Kakee	Chacco Kakee	
29	Thengoomood Vareed ...	Thengoomood Vareed ...	
30	Moothookrishna Pillay...	Moothookrishna Pillay...	
31	Abdraman	Abdraman	
32	Ramdas Peraj	Ramdas Peraj	
33	Chungaranarana Pillay...	Chungaranarana Pillay...	
34	Coopam Pillay	Coopam Pillay.	
35	Vullinayagom Pillay ...	Vullinayagom Pillay.	
36	Sooboo Pillay	Sooboo Pillay	
37	Soobramonia Pillay ...	Soobramoniya Pillay ...	

No.	Names of Merchant Firms.	Names of Resident Partners or Owners.	Names of Agents.
38	Rangashanay	Vitalashanay	
39	Gheereedas	Gheereedass	
40	Luddah Madowjee ...	Luddah Madowjee ...	
41	Mahomed Somar ...	Mahomed Somar ...	
42	Abdool Ghunny ...	Abdool Ghunny ...	
43	Joosup	Joosup	
44	Andy Iyen Moothoo Iyen...	Andy Iyen Moothoo Iyen	
45	Swamycunnoo Pillay ...	Swamycunnoo Pillay ...	
46	Moorogappachetty ...	Mooroogappachetty ...	
47	Subapathy Pillay ...	Subapathy Pillay ...	
48	Chinniya Pillay ...	Chinniya Pillay ...	
49	Moothooswamy Pillay ...	Moothooswamy Pillay ...	
50	G. Gomez.	G. Gomez	
51	Pundernath Chetty ...	....	Caroopaswamy Pillay.
52	Opendra Chetty Gunapathy...	....	Swamy Konar ...
53	Shodalamoothoo Pillay...	Shodalamoothoo Pillay...	
54	Lonen Ausepoo ...	Lonen Ausepoo ...	
55	Haroon Tyib	Haroon Tyib	

QUILON.

Names.	Trade.
Samjee Gokuldoss	Rice coir, &c.
Shuther boji Set	Rice cotton, country twist, &c.
Hadjee Casin Issac	Rice, &c.
Jacob Set	Piece goods, millinery, &c.
Issac Set	Piece goods. &c.
Veeraswamy Moodaliar ...	Timber, &c.
Secunder Bava Saib Shak Mohiden	Timber, rice &c.
Narumboo	Timber, &c.
Cootti Pillay	Piece goods &c.
Sheid Coonjoo	Timber, tobacco, &c.
Cochasen Coonjoo	Piece goods, millinery, &c.
Agamud Pillay	Tobacco &c.
Coyah	do. do.
Mideen Coonjoo	do. do.
Veerapathren...	Timber, &c.
Keery Putter...	Pepper, sugar, &c.
Kadervava	Timber &c.
Karootha Sooboo	Rice, gram, &c.
Nullacunnoo Pillay	do. do. do.
Ramachandren Putter	Pepper, gram, &c.
Krishna Putter	do. do. do.
Adima	Rice, &c.
Iyathu Chithembrem Pillay ...	Country cloths, &c.
Kashava Pillay	do. do. do.
Chittanicurry Coonjoo	Piece goods, &c.
Kamethee	Oil, &c.
Vengadaswren Putter	do.
Perumal Pillay	Wine and spirits.
J. P. Shodalay	Wine & spirits & preserved provisions
Pitcha Pillay	do. do. do. do.
Abthalcadar Issac	Rice &c.
Hajee Oosmal Osman.	Rice, coir &c.
Thamotharenleelatharen ...	do. do. do.

TREVANDRUM.

Names.	Trade.	Locality.
Hadjee Osmon Junis	Piecegoods, metals	Challay.
Hodjee Abbuker Hadjee Ahmed ...	do.	do.
Satheca Jusape	do.	do.
Alai Hussan	do.	do.
Jusape Haroon	do.	do.
Salomamed Mahomed	do.	do.
Ivram Abbah	do.	do.
Hadjee Hussan Junis	do.	do.
Hadjee Camesa Ismal	do.	do.
Hadjee Assan Abbah	do.	do.
Hssan Hoommer	do.	do.
Hadjee Abdul Shuker	do.	do.
Hadjee Assan Hadjee Hoommer ...	do.	do.
Hadjee Satheca Hadjee Hoommer...	do.	do.
Adam Hadjee Omer	do.	do.
Hadjee Osman Allruk	do.	do.
Batchu Silyman	do.	do.
Ismail Abubaker	do.	do.
Hadjee Abeeb and Sons ...	do.	Attakoolangaray.
Ramaswamy Pillay	do.	do.
Mahomed Ahmed	do.	Cantonment.
M. C. Mahomed Agber Sahib & Bros.	Piecegoods, rice &c	do.
Isacba Abdul Rahiman ...	Watchmaker.	Challay
Neelakunden Thanuvan ...	Country Cloth.	do.
Sivathanu Neelakunden ...	do.	do.
Vengadathreien Pulpooien ...	do.	do.
Kuppa Aiyan	do.	do.
Kanakathi Mirasa Ravoother ...	do.	do.
Atham Vawa Pakeer Ravoother ...	do.	do.
Thumby Meeran Mytheen ...	do.	do.
Mathava Iyen	do.	do.
Vengadasubbien	do.	do.
Vengadaswamyien	do.	do.
Kanaku Pulpanaben Mathaven ...	do.	do.
Chembagam Pillay	do.	Kythamukkoo.
Sivathanu Pillay	do.	do.
Chinniyan Pillay	do.	do.
Shungaralingam Iyemperumal ...	Rice.	Challay
Veerabhahoo Ananchaperumal ...	do.	do.
Soobien Varadien	do.	do.
Sreenevasa Iyen Shasha Iyen ...	do.	do.
Sashien Ramasubuien	do.	do.
Soobien Ramaswamy Iyen ...	do.	do.
Iyavavien Vengoo Iyen ...	do.	do.
Seekamaswara Iyen Authy Iyen. ...	do.	do.
Soondralingam Pillay	do.	do.
Muthuswamy Shungaralingam ...	do.	do.
Sesha Iyen	do.	do.
Vengadaswara Iyen	do.	do.
Subbien Thava Raj Iyen ...	do.	do.
Andy Iyen Pulpoo Iyen ...	do.	do.
Poornam Iyen Shami Iyen ...	do.	do.

TREVANDRUM.

Names.	Trade.	Locality.
Pichu Iyen Rama Iyen	Rice	Chalay.
Ganapathien Pulpanabien ...	Gold and Jewellery.	do.
Ganapattey Iyen	do.	do.
Anandkrishna Iyen Muthien ...	do.	do.
Rama Iyen Narayana Iyen ...	do.	do.
Subbien Krishna Iyen	do.	do.
Tharma Raj Iyen	do.	do.
Muthuien Ramasubbien	do.	do.
Kuppien Muthien	do.	do.
Ramien Narayanaien	do.	do.
Kongany Puppoo	do.	do.
Ramasubbien Muthien	do.	do.
Ganapathy Iyen Thanu Iyen ...	do.	do.
Subbien Moothien	do.	do.
Krisha Iyen Ganapathy Iyen. ...	do.	do.
Andyappen Soobramanian Pillay ...	Sowcar	do.
Shungara Subbien	do.	do.
Chodalamuthu Tharavium ...	Tobacco	do.
Navasivayam Akemadan	do.	do.
Muthu Iyen Harihara Iyen ...	do.	do.
Vyravanatha Pillay	do.	do.
Viruthupatty, Kan Ena, Ana, Tyal Nadan...	do.	do.
Subiah Pillay...	do.	Kythamukku
Oommar Kannu	do.	do.
Musthan	do.	do.
Thalava Padalingam	Timber	Chalay
Narayana Pillay	do.	do.
Kylasom Subramaniyan	do.	do.
Rama Pattan...	do.	do.
Muthuswamy Ruttiar	do.	Landing-place
Mydeenpillay...	do.	do.
Perumal Pillay	do.	do.
Cochoo Cootty	do.	do.
Antony Joseph	Wine, spirits & preserved provisions	Cantonment
T. L. Gomez	do.	do.
P. Moreira	do.	do.
O. S. Ganapathy, Agent S. B. Mares...	do.	do.
M. Pereira	do.	do.
J. D. Pereira	do.	do.
Adam and Co.	Military dress and Boot makers	do.
E. Lopiz	do.	Puthenchuntha
V. Manuel	do.	Pettah.
Ramasoobien	Druggist	Challay.
T. I. Croning...	Cabinet maker and Coach builder.	Cantonment.

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